GenCore version 5.1.6

OM nucleic - nucleic search, using sw model

Run on: September 27, 2004, 09:20:38 ; Search time 120.194 Seconds
(without alignments)
632.099 Million cell updates/sec

Title: US-10-090-326-14
Perfect score: 15
Sequence: 1 gctggaattaccgcg 15

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 3337386 seqs, 2532474682 residues

Total number of hits satisfying chosen parameters: 1949406

Minimum DB seq length: 0
Maximum DB seq length: 60

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published_Applications_NA:*
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11: /cgn2_6/ptodata/2/pubpna/US09C_PUBCOMB.seq:*
12: /cgn2_6/ptodata/2/pubpna/US09_NEW_PUB.seq:*
13: /cgn2_6/ptodata/2/pubpna/US09_NEW_PUB.seq2:*
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18: /cgn2_6/ptodata/2/pubpna/US60_NEW_PUB.seq:*
19: /cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	15	100.0	15	13	US-10-090-326-14	Sequence 14, Appl
2	15	100.0	18	9	US-09-754-949-12	Sequence 12, Appl
3	15	100.0	18	9	US-09-825-561A-44	Sequence 44, Appl
4	15	100.0	18	10	US-09-997-848A-8	Sequence 8, Appli
5	15	100.0	18	10	US-09-997-848A-14	Sequence 14, Appl
6	15	100.0	18	10	US-09-892-949-85	Sequence 85, Appl
7	15	100.0	18	13	US-10-440-428-17	Sequence 17, Appl
8	15	100.0	18	13	US-10-090-326-12	Sequence 12, Appl
9	15	100.0	18	13	US-10-352-554-57	Sequence 57, Appl
10	15	100.0	18	15	US-10-267-129-10	Sequence 10, Appl
11	15	100.0	18	15	US-10-243-072-67	Sequence 67, Appl
12	15	100.0	18	15	US-10-414-186-67	Sequence 67, Appl
13	15	100.0	18	16	US-10-351-157-57	Sequence 57, Appl
14	15	100.0	18	16	US-10-417-422-13	Sequence 13, Appl
15	15	100.0	18	16	US-10-284-569-29	Sequence 29, Appl
16	15	100.0	18	17	US-10-296-551-13	Sequence 13, Appl
17	15	100.0	18	17	US-10-663-002-12	Sequence 12, Appl
18	15	100.0	18	17	US-10-718-948-2	Sequence 2, Appli
19	15	100.0	18	17	US-10-772-531-85	Sequence 85, Appl
20	12.4	82.7	23	17	US-10-627-253A-57	Sequence 57, Appl
c 21	12.4	82.7	25	15	US-10-098-263B-77190	Sequence 77190, A
22	12.4	82.7	30	17	US-10-466-656-28	Sequence 28, Appl
23	12.4	82.7	60	10	US-09-908-975-23128	Sequence 23128, A
24	12	80.0	17	17	US-10-138-674-3140	Sequence 3140, Ap
25	12	80.0	17	17	US-10-287-949A-3140	Sequence 3140, Ap
c 26	12	80.0	17	17	US-10-361-002-79	Sequence 79, Appl
c 27	12	80.0	17	17	US-10-361-004-79	Sequence 79, Appl
c 28	11.8	78.7	16	16	US-10-361-208-180	Sequence 180, App
c 29	11.8	78.7	23	16	US-10-361-208-178	Sequence 178, App
30	11.8	78.7	25	15	US-10-215-112-2571	Sequence 2571, Ap
31	11.4	76.0	21	15	US-10-088-726-47	Sequence 47, Appl
c 32	11.4	76.0	29	12	US-10-470-951-50	Sequence 50, Appl
c 33	11.4	76.0	29	13	US-10-467-019-60	Sequence 60, Appl
c 34	11.4	76.0	29	17	US-10-333-192-8	Sequence 8, Appli
c 35	11.4	76.0	60	10	US-09-908-975-6340	Sequence 6340, Ap
c 36	11.4	76.0	60	10	US-09-908-975-14981	Sequence 14981, A
37	11	73.3	17	17	US-10-138-674-3141	Sequence 3141, Ap
38	11	73.3	17	17	US-10-287-949A-3141	Sequence 3141, Ap
39	11	73.3	20	13	US-09-834-700-9	Sequence 9, Appli
40	11	73.3	20	15	US-10-272-665-53	Sequence 53, Appl
41	11	73.3	20	15	US-10-273-321-53	Sequence 53, Appl
42	11	73.3	20	15	US-10-272-756-53	Sequence 53, Appl
43	11	73.3	20	16	US-10-273-228-53	Sequence 53, Appl
44	11	73.3	25	15	US-10-098-263B-18750	Sequence 18750, A
c 45	11	73.3	32	16	US-10-245-227B-74	Sequence 74, Appl

ALIGNMENTS

RESULT 1
US-10-090-326-14
; Sequence 14, Application US/10090326
; Publication No. US20030017482A1
; GENERAL INFORMATION:
; APPLICANT: University of Pittsburgh
; APPLICANT: Godfrey, Tony E.
; APPLICANT: Luketich, James D.
; APPLICANT: Raja, Siva
; APPLICANT: Kelly, Lori A
; APPLICANT: Finkelstein, Sydney D.
; TITLE OF INVENTION: PCR Method
; FILE REFERENCE: 010211
; CURRENT APPLICATION NUMBER: US/10/090,326
; CURRENT FILING DATE: 2002-03-04
; PRIOR APPLICATION NUMBER: 60/273,277
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 14
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 18SrRNA Reverse - low temp PCR primer
US-10-090-326-14

Query Match 100.0%; Score 15; DB 13; Length 15;
Best Local Similarity 100.0%; Pred. No. 83;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy          1 GCTGGAATTACCGCG 15
              |||||||||||||||
Db          1 GCTGGAATTACCGCG 15
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RESULT 2

US-09-754-949-12
; Sequence 12, Application US/09754949
; Patent No. US20020015939A1
; GENERAL INFORMATION:
; APPLICANT: MCCARTHY, JUSTIN
; APPLICANT: CORDELL, BARBARA
; TITLE OF INVENTION: METHODS FOR IDENTIFYING INHIBITORS OF
; TITLE OF INVENTION: NEURONAL DEGENERATION
; FILE REFERENCE: SCIOS.012A
; CURRENT APPLICATION NUMBER: US/09/754,949
; CURRENT FILING DATE: 2001-01-04
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 12
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-09-754-949-12

Query Match 100.0%; Score 15; DB 9; Length 18;
Best Local Similarity 100.0%; Pred. No. 84;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GCTGGAATTACCGCG 15
||||||||||||||||
Db 1 GCTGGAATTACCGCG 15

RESULT 3
US-09-825-561A-44
; Sequence 44, Application US/09825561A
; Patent No. US20020137677A1
; GENERAL INFORMATION:
; APPLICANT: Sprecher, Cindy A.
; APPLICANT: No. US20020137677A1ak, Julia E.
; APPLICANT: West, James W.
; APPLICANT: Presnell, Scott R.
; APPLICANT: Holly, Richard D.
; APPLICANT: Nelson, Andrew J.
; TITLE OF INVENTION: SOLUBLE ZALPHA11 CYTOKINE RECEPTORS
; FILE REFERENCE: 00-22
; CURRENT APPLICATION NUMBER: US/09/825,561A
; CURRENT FILING DATE: 2000-04-05
; PRIOR APPLICATION NUMBER: US 60/194,731
; PRIOR FILING DATE: 2000-04-05
; PRIOR APPLICATION NUMBER: US 60/222,121
; PRIOR FILING DATE: 2000-07-28
; NUMBER OF SEQ ID NOS: 86
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 44
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer, rRNA reverse primer
US-09-825-561A-44

Query Match 100.0%; Score 15; DB 9; Length 18;
Best Local Similarity 100.0%; Pred. No. 84;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GCTGGAATTACCGCG 15
||||||||||||||||
Db 1 GCTGGAATTACCGCG 15

RESULT 4
US-09-997-848A-8
; Sequence 8, Application US/09997848A
; Publication No. US20030027322A1
; GENERAL INFORMATION:
; APPLICANT: Federoff, Howard J.
; APPLICANT: Bowers, William J.
; APPLICANT: Frelinger, John G.
; APPLICANT: Willis, Richard A.
; APPLICANT: Evans, Thomas J.
; APPLICANT: Dewhurst, Stephen
; APPLICANT: Tolba, Khaled A.
; APPLICANT: Rosenblatt, Joseph D.
; TITLE OF INVENTION: HELPER VIRUS-FREE HERPESVIRUS AMPLICON
; TITLE OF INVENTION: PARTICLES AND USES THEREOF
; FILE REFERENCE: 12610-011001
; CURRENT APPLICATION NUMBER: US/09/997,848A
; CURRENT FILING DATE: 2002-09-10
; PRIOR APPLICATION NUMBER: US 60/253,858
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 60/250,079
; PRIOR FILING DATE: 2000-11-30
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide for PCR
US-09-997-848A-8

Query Match 100.0%; Score 15; DB 10; Length 18;
Best Local Similarity 100.0%; Pred. No. 84;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GCTGGAATTACCGCG 15
||||||||||||||||
Db 1 GCTGGAATTACCGCG 15

RESULT 5
US-09-997-848A-14
; Sequence 14, Application US/09997848A
; Publication No. US20030027322A1
; GENERAL INFORMATION:
; APPLICANT: Federoff, Howard J.
; APPLICANT: Bowers, William J.
; APPLICANT: Frelinger, John G.
; APPLICANT: Willis, Richard A.
; APPLICANT: Evans, Thomas J.
; APPLICANT: Dewhurst, Stephen
; APPLICANT: Tolba, Khaled A.
; APPLICANT: Rosenblatt, Joseph D.
; TITLE OF INVENTION: HELPER VIRUS-FREE HERPESVIRUS AMPLICON
; TITLE OF INVENTION: PARTICLES AND USES THEREOF
; FILE REFERENCE: 12610-011001
; CURRENT APPLICATION NUMBER: US/09/997,848A
; CURRENT FILING DATE: 2002-09-10
; PRIOR APPLICATION NUMBER: US 60/253,858
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 60/250,079
; PRIOR FILING DATE: 2000-11-30
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 14
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide for PCR
US-09-997-848A-14

Query Match 100.0%; Score 15; DB 10; Length 18;
Best Local Similarity 100.0%; Pred. No. 84;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GCTGGAATTACCGCG 15

```
                  ||||||||||||||||
Db          1 GCTGGAATTACCGCG 15
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```
RESULT 6
US-09-892-949-85
; Sequence 85, Application US/09892949
; Publication No. US20030096339A1
; GENERAL INFORMATION:
;  APPLICANT: Sprecher, Cindy A.
;  APPLICANT:  Presnell, Scott R.
;  APPLICANT:  Gao, Zeren
;  APPLICANT:  Whitmore, Theodore E.
;  APPLICANT:  Kuijper, Joseph L.
;  APPLICANT:  Maurer, Mark F.
;  TITLE OF INVENTION: CYTOKINE RECEPTOR ZCYTOR17
;  FILE REFERENCE: 00-42
;  CURRENT APPLICATION NUMBER: US/09/892,949
;  CURRENT FILING DATE:  2001-06-26
;  PRIOR APPLICATION NUMBER: US 60/214,282
;  PRIOR FILING DATE: 2000-06-26
;  PRIOR APPLICATION NUMBER: US 60/214,955
;  PRIOR FILING DATE: 2000-06-29
;  PRIOR APPLICATION NUMBER: US 60/267,963
;  PRIOR FILING DATE: 2001-08-02
;  NUMBER OF SEQ ID NOS: 93
;  SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 85
;   LENGTH: 18
;   TYPE: DNA
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: rRNA reverse primer
US-09-892-949-85

  Query Match             100.0%;  Score 15;  DB 10;  Length 18;
  Best Local Similarity   100.0%;  Pred. No. 84;
  Matches   15;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 GCTGGAATTACCGCG 15
              ||||||||||||||||
Db          1 GCTGGAATTACCGCG 15
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RESULT 7
US-10-440-428-17
; Sequence 17, Application US/10440428
; Publication No. US20040038856A1
; GENERAL INFORMATION:
;  APPLICANT: Chakravarty, Sarvajit
;  APPLICANT:  Dugar, Sundeep
;  APPLICANT:  Higgins, Linda S.
;  APPLICANT:  Kapoun, Ann M.
;  APPLICANT:  Liu, David Y.
;  APPLICANT:  Protter, Andrew A.
;  APPLICANT:  Schreiner, George F.
;  APPLICANT:  Tran, Thomas-Toan
;  TITLE OF INVENTION: Treatment Of Fibroproliferative
;  TITLE OF INVENTION:  Disorders Using TGF-B Inhibitors
;  FILE REFERENCE: 39739-0027
;  CURRENT APPLICATION NUMBER: US/10/440,428
;  CURRENT FILING DATE:  2003-05-16
;  PRIOR APPLICATION NUMBER: US 60/381,720
;  PRIOR FILING DATE: 2002-05-17
;  NUMBER OF SEQ ID NOS: 18
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 17
;   LENGTH: 18
;   TYPE: DNA
;   ORGANISM: Homo sapiens
US-10-440-428-17

  Query Match             100.0%;  Score 15;  DB 13;  Length 18;
  Best Local Similarity   100.0%;  Pred. No. 84;
  Matches   15;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 GCTGGAATTACCGCG 15
              ||||||||||||||||
Db          1 GCTGGAATTACCGCG 15
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```
RESULT 8
US-10-090-326-12
; Sequence 12, Application US/10090326
; Publication No. US20030017482A1
; GENERAL INFORMATION:
;  APPLICANT: University of Pittsburgh
;  APPLICANT:  Godfrey, Tony E.
;  APPLICANT:  Luketich, James D.
;  APPLICANT:  Raja, Siva
;  APPLICANT:  Kelly, Lori A
;  APPLICANT:  Finkelstein, Sydney D.
;  TITLE OF INVENTION: PCR Method
;  FILE REFERENCE: 010211
;  CURRENT APPLICATION NUMBER: US/10/090,326
;  CURRENT FILING DATE:  2002-03-04
;  PRIOR APPLICATION NUMBER: 60/273,277
;  PRIOR FILING DATE: 2001-03-02
;  NUMBER OF SEQ ID NOS: 25
;  SOFTWARE: PatentIn version 3.1
; SEQ ID NO 12
;   LENGTH: 18
;   TYPE: DNA
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: 18SrRNA Reverse PCR primer
US-10-090-326-12

  Query Match             100.0%;  Score 15;  DB 13;  Length 18;
  Best Local Similarity   100.0%;  Pred. No. 84;
  Matches   15;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 GCTGGAATTACCGCG 15
              ||||||||||||||||
Db          1 GCTGGAATTACCGCG 15
```

```
RESULT 9
US-10-352-554-57
; Sequence 57, Application US/10352554
; Publication No. US20030224487A1
; GENERAL INFORMATION:
;  APPLICANT: Sprecher, Cindy A.
;  APPLICANT:  Kuijper, Joseph L.
;  APPLICANT:  Dasovich, Maria M.
;  APPLICANT:  Grant, Francis J.
;  APPLICANT:  Hammond, Angela K.
;  APPLICANT:  Novak, Julia E.
;  APPLICANT:  Gross, Jane A.
;  APPLICANT:  Dillon, Stacey R.
;  TITLE OF INVENTION: NOVEL CYTOKINE ZCYTOR17 LIGAND
;  FILE REFERENCE: 02-01
;  CURRENT APPLICATION NUMBER: US/10/352,554
;  CURRENT FILING DATE:  2003-01-21
;  PRIOR APPLICATION NUMBER: US 60/350,325
;  PRIOR FILING DATE: 2002-01-18
;  PRIOR APPLICATION NUMBER: US 60/375,323
;  PRIOR FILING DATE: 2002-04-25
;  PRIOR APPLICATION NUMBER: US 60/435,315
;  PRIOR FILING DATE: 2002-12-19
;  NUMBER OF SEQ ID NOS: 168
;  SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 57
;   LENGTH: 18
;   TYPE: DNA
;   ORGANISM: Artificial Sequence
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;   FEATURE:
;   OTHER INFORMATION: the rRNA reverse primer
US-10-352-554-57

  Query Match             100.0%;  Score 15;  DB 13;  Length 18;
  Best Local Similarity   100.0%;  Pred. No. 84;
  Matches   15;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 GCTGGAATTACCGCG 15
              |||||||||||||||
Db          1 GCTGGAATTACCGCG 15


RESULT 10
US-10-267-129-10
; Sequence 10, Application US/10267129
; Publication No. US20030100591A1
; GENERAL INFORMATION:
;  APPLICANT: Jabbour, Henry N.
;  TITLE OF INVENTION: METHODS OF TREATMENT OF UTERINE PATHOLOGICAL CONDITIONS
;  FILE REFERENCE: 20747/121
;  CURRENT APPLICATION NUMBER: US/10/267,129
;  CURRENT FILING DATE:  2003-01-17
;  PRIOR APPLICATION NUMBER: GB 0124124.9
;  PRIOR FILING DATE: 2001-10-08
;  PRIOR APPLICATION NUMBER: 60/333,562
;  PRIOR FILING DATE: 2001-11-27
;  NUMBER OF SEQ ID NOS: 11
;  SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 10
;   LENGTH: 18
;   TYPE: DNA
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Description of Artificial Sequence:  18S Reverse
;   OTHER INFORMATION: Primer
US-10-267-129-10

  Query Match             100.0%;  Score 15;  DB 15;  Length 18;
  Best Local Similarity   100.0%;  Pred. No. 84;
  Matches   15;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 GCTGGAATTACCGCG 15
              |||||||||||||||
Db          1 GCTGGAATTACCGCG 15


RESULT 11
US-10-243-072-67
; Sequence 67, Application US/10243072
; Publication No. US20030148447A1
; GENERAL INFORMATION:
;  APPLICANT: Presnell, Scott R.
;  APPLICANT:  Conklin, Darrell C.
;  APPLICANT:  No. US20030148447A1ak, Julia E.
;  APPLICANT:  Hammond, Angela K.
;  TITLE OF INVENTION: CYTOKINE RECEPTOR ZAPLHA11
;  FILE REFERENCE: 98-55C1
;  CURRENT APPLICATION NUMBER: US/10/243,072
;  CURRENT FILING DATE:  2002-09-13
;  PRIOR APPLICATION NUMBER: 09/628,127
;  PRIOR FILING DATE: 2000-07-28
;  PRIOR APPLICATION NUMBER: US 60/100,896
;  PRIOR FILING DATE: 1998-09-23
;  PRIOR APPLICATION NUMBER: US 60/123,546
;  PRIOR FILING DATE: 1999-03-09
;  PRIOR APPLICATION NUMBER: US 60/142,574
;  PRIOR FILING DATE: 1999-07-06
;  PRIOR APPLICATION NUMBER: US 09/404,641
;  PRIOR FILING DATE: 1999-09-23
;  NUMBER OF SEQ ID NOS: 92
;  SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 67
;   LENGTH: 18
;   TYPE: DNA
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Oligonucleotide primer, rRNA reverse primer
US-10-243-072-67

  Query Match             100.0%;  Score 15;  DB 15;  Length 18;
  Best Local Similarity   100.0%;  Pred. No. 84;
  Matches   15;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 GCTGGAATTACCGCG 15
              |||||||||||||||
Db          1 GCTGGAATTACCGCG 15


RESULT 12
US-10-414-186-67
; Sequence 67, Application US/10414186
; Publication No. US20030175825A1
; GENERAL INFORMATION:
;  APPLICANT: Presnell, Scott R.
;  APPLICANT:  Conklin, Darrell C.
;  APPLICANT:  No. US20030175825A1ak, Julia E.
;  APPLICANT:  Hammond, Angela K.
;  TITLE OF INVENTION: CYTOKINE RECEPTOR ZAPLHA11
;  FILE REFERENCE: 98-55
;  CURRENT APPLICATION NUMBER: US/10/414,186
;  CURRENT FILING DATE:  2003-04-14
;  PRIOR APPLICATION NUMBER: US/09/404,641
;  PRIOR FILING DATE: 1999-09-23
;  PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/100,896
;  PRIOR FILING DATE: EARLIER FILING DATE: 1998-09-23
;  PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/123,546
;  PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-09
;  PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/142,574
;  PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-06
;  NUMBER OF SEQ ID NOS: 91
;  SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 67
;   LENGTH: 18
;   TYPE: DNA
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Oligonucleotide primer, rRNA reverse primer
US-10-414-186-67

  Query Match             100.0%;  Score 15;  DB 15;  Length 18;
  Best Local Similarity   100.0%;  Pred. No. 84;
  Matches   15;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 GCTGGAATTACCGCG 15
              |||||||||||||||
Db          1 GCTGGAATTACCGCG 15


RESULT 13
US-10-351-157-57
; Sequence 57, Application US/10351157
; Publication No. US20030215838A1
; GENERAL INFORMATION:
;  APPLICANT: Sprecher, Cindy A.
;  APPLICANT:  Gao, Zeren
;  APPLICANT:  Kuijper, Joseph L.
;  APPLICANT:  Dasovich, Maria M.
;  APPLICANT:  Grant, Francis J.
;  APPLICANT:  Presnell, Scott R.
;  APPLICANT:  Whitmore, Theodore E.
;  APPLICANT:  Hammond, Angela K.
;  APPLICANT:  No. US20030215838A1ak, Julia E.
;  APPLICANT:  Gross, Jane A.
;  APPLICANT:  Dillon, Stacey R.
;  TITLE OF INVENTION: CYTOKINE RECEPTOR ZCYTOR17 MULTIMERS
```

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;  FILE REFERENCE: 02-02
;  CURRENT APPLICATION NUMBER: US/10/351,157
;  CURRENT FILING DATE:  2003-01-21
;  PRIOR APPLICATION NUMBER: US 60/435,361
;  PRIOR FILING DATE: 2002-12-19
;  PRIOR APPLICATION NUMBER: US 60/389,108
;  PRIOR FILING DATE: 2002-06-14
;  PRIOR APPLICATION NUMBER: US 60/350,325
;  PRIOR FILING DATE: 2002-01-18
;  NUMBER OF SEQ ID NOS: 183
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 57
;   LENGTH: 18
;   TYPE: DNA
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: the rRNA reverse primer
US-10-351-157-57

  Query Match             100.0%;  Score 15;  DB 16;  Length 18;
  Best Local Similarity   100.0%;  Pred. No. 84;
  Matches   15;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 GCTGGAATTACCGCG 15
              |||||||||||||||
Db          1 GCTGGAATTACCGCG 15


RESULT 14
US-10-417-422-13
; Sequence 13, Application US/10417422
; Publication No. US20030219720A1
; GENERAL INFORMATION:
;  APPLICANT: MCCARTHY, JUSTIN
;  APPLICANT:  CORDELL, BARBARA
;  APPLICANT:  SCIOS, INC.
;  TITLE OF INVENTION: METHODS FOR IDENTIFYING INHIBITORS OF
;  TITLE OF INVENTION:  NEURONAL DEGENERATION
;  FILE REFERENCE: SCIOS.012C1
;  CURRENT APPLICATION NUMBER: US/10/417,422
;  CURRENT FILING DATE:  2003-04-14
;  PRIOR APPLICATION NUMBER: 09/754949
;  PRIOR FILING DATE: 2001-02-04
;  PRIOR APPLICATION NUMBER: 60/175200
;  PRIOR FILING DATE: 2000-01-10
;  NUMBER OF SEQ ID NOS: 17
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 13
;   LENGTH: 18
;   TYPE: DNA
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Synthetic Oligonucleotide
US-10-417-422-13

  Query Match             100.0%;  Score 15;  DB 16;  Length 18;
  Best Local Similarity   100.0%;  Pred. No. 84;
  Matches   15;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 GCTGGAATTACCGCG 15
              |||||||||||||||
Db          1 GCTGGAATTACCGCG 15


RESULT 15
US-10-284-569-29
; Sequence 29, Application US/10284569
; Publication No. US20030220266A1
; GENERAL INFORMATION:
;  APPLICANT: Jabbour, Henry Nicolas
;  APPLICANT:  Sales, Kurt Jason
;  APPLICANT:  Katz, Arieh
;  TITLE OF INVENTION: Method of treating a disease
;  FILE REFERENCE: ARDW/P27354US
;  CURRENT APPLICATION NUMBER: US/10/284,569
;  CURRENT FILING DATE:  2002-10-30
;  NUMBER OF SEQ ID NOS: 30
;  SOFTWARE: SeqWin99
; SEQ ID NO 29
;   LENGTH: 18
;   TYPE: DNA
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: 5' PCR Primer
US-10-284-569-29

  Query Match             100.0%;  Score 15;  DB 16;  Length 18;
  Best Local Similarity   100.0%;  Pred. No. 84;
  Matches   15;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 GCTGGAATTACCGCG 15
              |||||||||||||||
Db          1 GCTGGAATTACCGCG 15


Search completed: September 27, 2004, 12:14:45
Job time : 121.194 secs
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GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: September 27, 2004, 09:20:36 ; Search time 15.129 Seconds
(without alignments)
550.218 Million cell updates/sec

Title: US-10-090-326-14
Perfect score: 15
Sequence: 1 gctggaattaccgcg 15

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 682709 seqs, 277475446 residues

Total number of hits satisfying chosen parameters: 874574

Minimum DB seq length: 0
Maximum DB seq length: 60

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents_NA:*
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2: /cgn2_6/ptodata/2/ina/5B_COMB.seq:*
3: /cgn2_6/ptodata/2/ina/6A_COMB.seq:*
4: /cgn2_6/ptodata/2/ina/6B_COMB.seq:*
5: /cgn2_6/ptodata/2/ina/PCTUS_COMB.seq:*
6: /cgn2_6/ptodata/2/ina/backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

	Result No.	Score	% Query Match	Length	DB	ID	Description
	1	15	100.0	18	4	US-09-487-792-39	Sequence 39, Appl
	2	15	100.0	18	4	US-09-908-594-39	Sequence 39, Appl
	3	15	100.0	18	4	US-09-404-641-67	Sequence 67, Appl
	4	15	100.0	27	1	US-08-460-344-59	Sequence 59, Appl
	5	15	100.0	27	1	US-08-133-598A-59	Sequence 59, Appl
	6	15	100.0	27	1	US-08-886-999-59	Sequence 59, Appl
	7	15	100.0	27	5	PCT-US93-05085-57	Sequence 57, Appl
c	8	13.4	89.3	30	1	US-07-990-893-18	Sequence 18, Appl
	9	12	80.0	17	4	US-08-584-040-7331	Sequence 7331, Ap
	10	12	80.0	17	4	US-09-371-772B-3140	Sequence 3140, Ap
	11	12	80.0	21	1	US-08-460-344-57	Sequence 57, Appl
	12	12	80.0	21	1	US-08-133-598A-57	Sequence 57, Appl
	13	12	80.0	21	1	US-08-886-999-57	Sequence 57, Appl
	14	12	80.0	24	1	US-08-460-344-58	Sequence 58, Appl
	15	12	80.0	24	1	US-08-133-598A-58	Sequence 58, Appl
	16	12	80.0	24	1	US-08-886-999-58	Sequence 58, Appl
	17	12	80.0	24	5	PCT-US93-05085-56	Sequence 56, Appl
c	18	12	80.0	38	4	US-09-313-221A-1	Sequence 1, Appli
c	19	11.6	77.3	36	4	US-09-313-221A-50	Sequence 50, Appl
	20	11.4	76.0	23	2	US-08-343-923-6	Sequence 6, Appli
c	21	11.4	76.0	36	1	US-07-990-893-15	Sequence 15, Appl
	22	11.4	76.0	60	2	US-08-665-202-130	Sequence 130, App
	23	11.4	76.0	60	4	US-09-315-574-130	Sequence 130, App
	24	11	73.3	17	4	US-08-584-040-7332	Sequence 7332, Ap
	25	11	73.3	17	4	US-09-371-772B-3141	Sequence 3141, Ap
	26	11	73.3	19	1	US-08-460-344-54	Sequence 54, Appl
	27	11	73.3	19	1	US-08-133-598A-54	Sequence 54, Appl
	28	11	73.3	19	1	US-08-886-999-54	Sequence 54, Appl
	29	11	73.3	19	5	PCT-US93-05085-53	Sequence 53, Appl
	30	11	73.3	28	2	US-08-859-998-1025	Sequence 1025, Ap
	31	11	73.3	28	4	US-09-225-928-1025	Sequence 1025, Ap
	32	11	73.3	28	4	US-09-225-201B-1025	Sequence 1025, Ap
c	33	11	73.3	36	2	US-08-475-844-12	Sequence 12, Appl
	34	11	73.3	36	2	US-08-475-844-13	Sequence 13, Appl
c	35	11	73.3	36	5	PCT-US95-08429-12	Sequence 12, Appl
	36	11	73.3	36	5	PCT-US95-08429-13	Sequence 13, Appl
c	37	10.8	72.0	18	4	US-09-422-978-5800	Sequence 5800, Ap
	38	10.8	72.0	20	4	US-10-072-094-57	Sequence 57, Appl
c	39	10.8	72.0	28	2	US-08-366-800-2	Sequence 2, Appli
	40	10.8	72.0	30	2	US-08-859-998-151	Sequence 151, App
	41	10.8	72.0	30	4	US-09-225-928-151	Sequence 151, App
	42	10.8	72.0	30	4	US-09-225-201B-151	Sequence 151, App
c	43	10.8	72.0	37	4	US-09-620-412C-347	Sequence 347, App
c	44	10.8	72.0	37	4	US-09-598-419-347	Sequence 347, App
c	45	10.8	72.0	38	4	US-09-371-772B-10273	Sequence 10273, A

ALIGNMENTS

RESULT 1
US-09-487-792-39
; Sequence 39, Application US/09487792
; Patent No. 6433145
; GENERAL INFORMATION:
; APPLICANT: Human Genome Sciences, Inc.
; TITLE OF INVENTION: Keratinocyte Derived Interferon
; FILE REFERENCE: PF482P1
; CURRENT APPLICATION NUMBER: US/09/487,792
; CURRENT FILING DATE: 2000-01-20
; EARLIER APPLICATION NUMBER: 60/093,643
; EARLIER FILING DATE: 1998-07-21
; EARLIER APPLICATION NUMBER: PCT/US99/16424
; EARLIER FILING DATE: 1999-07-21
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 39
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-487-792-39

Query Match 100.0%; Score 15; DB 4; Length 18;
Best Local Similarity 100.0%; Pred. No. 9.2;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy          1 GCTGGAATTACCGCG 15
              |||||||||||||||
Db          1 GCTGGAATTACCGCG 15
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RESULT 2
US-09-908-594-39
; Sequence 39, Application US/09908594
; Patent No. 6472512
; GENERAL INFORMATION:
; APPLICANT: LaFleur, et al.
; TITLE OF INVENTION: Keratinocyte Derived Interferon
; FILE REFERENCE: PF482P2
; CURRENT APPLICATION NUMBER: US/09/908,594
; CURRENT FILING DATE: 2001-07-20
; PRIOR APPLICATION NUMBER: 60/292,934
; PRIOR FILING DATE: 2001-05-24
; PRIOR APPLICATION NUMBER: 60/219,621
; PRIOR FILING DATE: 2000-07-21
; PRIOR APPLICATION NUMBER: 09/487,792
; PRIOR FILING DATE: 2000-01-20
; PRIOR APPLICATION NUMBER: US00/01239
; PRIOR FILING DATE: 2000-01-20
; PRIOR APPLICATION NUMBER: 09/358,587

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;  PRIOR FILING DATE: 1999-07-21
;  PRIOR APPLICATION NUMBER: US99/16424
;  PRIOR FILING DATE: 1999-07-21
;  PRIOR APPLICATION NUMBER: 60/093,643
;  PRIOR FILING DATE: 1998-07-21
;  NUMBER OF SEQ ID NOS: 57
;  SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 39
;   LENGTH: 18
;   TYPE: DNA
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   NAME/KEY: Primer_Bind
;   OTHER INFORMATION: Synthetic primer complementary to the human 18S.
US-09-908-594-39

  Query Match             100.0%;  Score 15;  DB 4;  Length 18;
  Best Local Similarity   100.0%;  Pred. No. 9.2;
  Matches   15;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 GCTGGAATTACCGCG 15
              |||||||||||||||
Db          1 GCTGGAATTACCGCG 15


RESULT 3
US-09-404-641-67
; Sequence 67, Application US/09404641
; Patent No. 6576744
; GENERAL INFORMATION:
;  APPLICANT: Presnell, Scott R.
;  APPLICANT:  Conklin, Darrell C.
;  APPLICANT:  No. 6576744ak, Julia E.
;  APPLICANT:  Hammond, Angela K.
;  TITLE OF INVENTION: CYTOKINE RECEPTOR ZAPLHA11
;  FILE REFERENCE: 98-55
;  CURRENT APPLICATION NUMBER: US/09/404,641
;  CURRENT FILING DATE:  1999-09-23
;  PRIOR APPLICATION NUMBER: US 60/100,896
;  PRIOR FILING DATE: 1998-09-23
;  PRIOR APPLICATION NUMBER: US 60/123,546
;  PRIOR FILING DATE: 1999-03-09
;  PRIOR APPLICATION NUMBER: US 60/142,574
;  PRIOR FILING DATE: 1999-07-06
;  NUMBER OF SEQ ID NOS: 91
;  SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 67
;   LENGTH: 18
;   TYPE: DNA
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Oligonucleotide primer, rRNA reverse primer
US-09-404-641-67

  Query Match             100.0%;  Score 15;  DB 4;  Length 18;
  Best Local Similarity   100.0%;  Pred. No. 9.2;
  Matches   15;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 GCTGGAATTACCGCG 15
              |||||||||||||||
Db          1 GCTGGAATTACCGCG 15


RESULT 4
US-08-460-344-59
; Sequence 59, Application US/08460344
; Patent No. 5654418
;  GENERAL INFORMATION:
;    APPLICANT:  SHEINESS, Diana K.
;    APPLICANT:  ADAMS, Trevor H.
;    APPLICANT:  STAMM, Michael R.
;    APPLICANT:  CANGELOSI, Gerard A.
;    APPLICANT:  BRITSCHGI, Theresa B.
;    APPLICANT:  DIX, Connie K.
;    TITLE OF INVENTION:  METHODS AND DIAGNOSTIC KITS USEFUL FOR
;    TITLE OF INVENTION:  DETECTING MICROORGANISMS ASSOCIATED WITH VAGINAL
;    TITLE OF INVENTION:  INFECTIONS
;    NUMBER OF SEQUENCES:  72
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Townsend and Townsend Khourie and Crew
;      STREET:  Steuart Street Tower, One Market Plaza
;      CITY:  San Francisco
;      STATE:  California
;      COUNTRY:  US
;      ZIP:  94105-1493
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/460,344
;      FILING DATE:  02-JUN-1995
;      CLASSIFICATION:  536
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 08/133,598
;      FILING DATE:  08-OCT-1993
;      APPLICATION NUMBER:  US 07/896,094
;      FILING DATE:  29-MAY-1992
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 07/600,334
;      FILING DATE:  19-OCT-1990
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Garrett-Wackowski, Eugenia
;      REGISTRATION NUMBER:  37,330
;      REFERENCE/DOCKET NUMBER:  11652-73-2
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (415) 543-9600
;      TELEFAX:  (415) 543-5043
;  INFORMATION FOR SEQ ID NO:  59:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  27 base pairs
;      TYPE:  nucleic acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  DNA
US-08-460-344-59

  Query Match             100.0%;  Score 15;  DB 1;  Length 27;
  Best Local Similarity   100.0%;  Pred. No. 9.6;
  Matches   15;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 GCTGGAATTACCGCG 15
              |||||||||||||||
Db          1 GCTGGAATTACCGCG 15


RESULT 5
US-08-133-598A-59
; Sequence 59, Application US/08133598A
; Patent No. 5700636
;  GENERAL INFORMATION:
;    APPLICANT:  SHEINESS, Diana K.
;    APPLICANT:  ADAMS, Trevor H.
;    APPLICANT:  STAMM, Michael R.
;    APPLICANT:  CANGELOSI, Gerard A.
;    APPLICANT:  BRITSCHGI, Theresa B.
;    APPLICANT:  DIX, Connie K.
;    TITLE OF INVENTION:  METHODS AND DIAGNOSTIC KITS USEFUL FOR
;    TITLE OF INVENTION:  DETECTING MICROORGANISMS ASSOCIATED WITH VAGINAL
;    TITLE OF INVENTION:  INFECTIONS
;    NUMBER OF SEQUENCES:  72
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Townsend and Townsend Khourie and Crew
;      STREET:  Steuart Street Tower, One Market Plaza
;      CITY:  San Francisco
```

```
;       STATE:  California
;       COUNTRY:  US
;       ZIP:  94105-1493
;     COMPUTER READABLE FORM:
;       MEDIUM TYPE:  Floppy disk
;       COMPUTER:  IBM PC compatible
;       OPERATING SYSTEM:  PC-DOS/MS-DOS
;       SOFTWARE:  PatentIn Release #1.0, Version #1.25
;     CURRENT APPLICATION DATA:
;       APPLICATION NUMBER:  US/08/133,598A
;       FILING DATE:  08-OCT-1993
;       CLASSIFICATION:  435
;     PRIOR APPLICATION DATA:
;       APPLICATION NUMBER:  US 07/896,094
;       FILING DATE:  29-MAY-1992
;     PRIOR APPLICATION DATA:
;       APPLICATION NUMBER:  US 07/600,334
;       FILING DATE:  19-OCT-1990
;     ATTORNEY/AGENT INFORMATION:
;       NAME:  Garrett-Wackowski, Eugenia
;       REGISTRATION NUMBER:  37,330
;       REFERENCE/DOCKET NUMBER:  11652-73-2
;     TELECOMMUNICATION INFORMATION:
;       TELEPHONE:  (415) 543-9600
;       TELEFAX:  (415) 543-5043
;   INFORMATION FOR SEQ ID NO:  59:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH:  27 base pairs
;       TYPE:  nucleic acid
;       STRANDEDNESS:  single
;       TOPOLOGY:  linear
;     MOLECULE TYPE:  DNA
US-08-133-598A-59

  Query Match             100.0%;  Score 15;  DB 1;  Length 27;
  Best Local Similarity   100.0%;  Pred. No. 9.6;
  Matches   15;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 GCTGGAATTACCGCG 15
              ||||||||||||||||
Db          1 GCTGGAATTACCGCG 15


RESULT 6
US-08-886-999-59
; Sequence 59, Application US/08886999
; Patent No. 5776694
;  GENERAL INFORMATION:
;     APPLICANT:  SHEINESS, Diana K.
;     APPLICANT:  ADAMS, Trevor H.
;     APPLICANT:  STAMM, Michael R.
;     APPLICANT:  CANGELOSI, Gerard A.
;     APPLICANT:  BRITSCHGI, Theresa B.
;     APPLICANT:  DIX, Connie K.
;     TITLE OF INVENTION:  METHODS AND DIAGNOSTIC KITS USEFUL FOR
;     TITLE OF INVENTION:  DETECTING MICROORGANISMS ASSOCIATED WITH VAGINAL
;     TITLE OF INVENTION:  INFECTIONS
;     NUMBER OF SEQUENCES:  72
;     CORRESPONDENCE ADDRESS:
;       ADDRESSEE:  Townsend and Townsend Khourie and Crew
;       STREET:  Steuart Street Tower, One Market Plaza
;       CITY:  San Francisco
;       STATE:  California
;       COUNTRY:  US
;       ZIP:  94105-1493
;     COMPUTER READABLE FORM:
;       MEDIUM TYPE:  Floppy disk
;       COMPUTER:  IBM PC compatible
;       OPERATING SYSTEM:  PC-DOS/MS-DOS
;       SOFTWARE:  PatentIn Release #1.0, Version #1.25
;     CURRENT APPLICATION DATA:
;       APPLICATION NUMBER:  US/08/886,999
;       FILING DATE:
;       CLASSIFICATION:  435
;     PRIOR APPLICATION DATA:
;       APPLICATION NUMBER:  US 08/458,319
;       FILING DATE:  02-JUN-1995
;       APPLICATION NUMBER:  US 08/133,598
;       FILING DATE:  08-OCT-1993
;       APPLICATION NUMBER:  US 07/896,094
;       FILING DATE:  29-MAY-1992
;     PRIOR APPLICATION DATA:
;       APPLICATION NUMBER:  US 07/600,334
;       FILING DATE:  19-OCT-1990
;     ATTORNEY/AGENT INFORMATION:
;       NAME:  Garrett-Wackowski, Eugenia
;       REGISTRATION NUMBER:  37,330
;       REFERENCE/DOCKET NUMBER:  11652-73-2
;     TELECOMMUNICATION INFORMATION:
;       TELEPHONE:  (415) 543-9600
;       TELEFAX:  (415) 543-5043
;   INFORMATION FOR SEQ ID NO:  59:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH:  27 base pairs
;       TYPE:  nucleic acid
;       STRANDEDNESS:  single
;       TOPOLOGY:  linear
;     MOLECULE TYPE:  DNA
US-08-886-999-59

  Query Match             100.0%;  Score 15;  DB 1;  Length 27;
  Best Local Similarity   100.0%;  Pred. No. 9.6;
  Matches   15;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 GCTGGAATTACCGCG 15
              ||||||||||||||||
Db          1 GCTGGAATTACCGCG 15


RESULT 7
PCT-US93-05085-57
; Sequence 57, Application PC/TUS9305085
;  GENERAL INFORMATION:
;     APPLICANT:  MICROPROBE CORPORATION
;     TITLE OF INVENTION:  METHODS AND PHARMACEUTICAL KITS USEFUL
;     TITLE OF INVENTION:  FOR DETECTING MICROORGANISMS ASSOCIATED WITH VAGINAL
;     TITLE OF INVENTION:  INFECTIONS
;     NUMBER OF SEQUENCES:  57
;     CORRESPONDENCE ADDRESS:
;       ADDRESSEE:  Townsend and Townsend Khourie and Crew
;       STREET:  Steuart Street Tower, One Market Plaza
;       CITY:  San Francisco
;       STATE:  California
;       COUNTRY:  US
;       ZIP:  94105-1493
;     COMPUTER READABLE FORM:
;       MEDIUM TYPE:  Floppy disk
;       COMPUTER:  IBM PC compatible
;       OPERATING SYSTEM:  PC-DOS/MS-DOS
;       SOFTWARE:  PatentIn Release #1.0, Version #1.25
;     CURRENT APPLICATION DATA:
;       APPLICATION NUMBER:  PCT/US93/05085
;       FILING DATE:  28-MAY-1993
;       CLASSIFICATION:
;     ATTORNEY/AGENT INFORMATION:
;       NAME:  Weber, Ellen L.
;       REGISTRATION NUMBER:  32,762
;       REFERENCE/DOCKET NUMBER:  11652-73-1PC
;     TELECOMMUNICATION INFORMATION:
;       TELEPHONE:  (415) 543-9600
;       TELEFAX:  (415) 543-5043
;   INFORMATION FOR SEQ ID NO:  57:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH:  27 base pairs
;       TYPE:  nucleic acid
;       STRANDEDNESS:  single
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;      TOPOLOGY:  linear
;    MOLECULE TYPE:  DNA (genomic)
;    HYPOTHETICAL:  NO
PCT-US93-05085-57

  Query Match             100.0%;  Score 15;  DB 5;  Length 27;
  Best Local Similarity   100.0%;  Pred. No. 9.6;
  Matches   15;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 GCTGGAATTACCGCG 15
              |||||||||||||||
Db          1 GCTGGAATTACCGCG 15


RESULT 8
US-07-990-893-18/c
; Sequence 18, Application US/07990893
; Patent No. 5547841
;  GENERAL INFORMATION:
;    APPLICANT:  Marotta, Charles A.
;    APPLICANT:  Zain, Sayeeda
;    TITLE OF INVENTION:  Genetic Sequences Coding For Alzheimer
;    TITLE OF INVENTION:  Amyloid From Brain
;    NUMBER OF SEQUENCES:  18
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Sterne, Kessler, Goldstein & Fox
;      STREET:  1225 Connecticut Avenue
;      CITY:  Washington
;      STATE:  D.C.
;      COUNTRY:  U.S.A.
;      ZIP:  20036
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/07/990,893
;      FILING DATE:  19921215
;      CLASSIFICATION:  536
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Esmond, Robert W.
;      REGISTRATION NUMBER:  32,893
;      REFERENCE/DOCKET NUMBER:  0932.0250003
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (202) 466-0800
;      TELEFAX:  (202) 833-8716
;  INFORMATION FOR SEQ ID NO:  18:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  30 base pairs
;      TYPE:  NUCLEIC ACID
;      STRANDEDNESS:  both
;      TOPOLOGY:  both
US-07-990-893-18

  Query Match             89.3%;  Score 13.4;  DB 1;  Length 30;
  Best Local Similarity   93.3%;  Pred. No. 83;
  Matches   14;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          1 GCTGGAATTACCGCG 15
              ||||||||| |||||
Db         30 GCTGGAATTGCCGCG 16


RESULT 9
US-08-584-040-7331
; Sequence 7331, Application US/08584040
; Patent No. 6346398
;  GENERAL INFORMATION:
;    APPLICANT:  Pavco, Pamela
;    APPLICANT:  McSwiggen, James
;    APPLICANT:  Stinchcomb, Dan T.
;    APPLICANT:  Escobedo, Jaime
;    TITLE OF INVENTION:  METHOD AND REAGENT FOR THE
;    TITLE OF INVENTION:  TREATMENT OF DISEASES OR
;    TITLE OF INVENTION:  CONDITIONS RELATED TO LEVELS
;    TITLE OF INVENTION:  OF VASCULAR ENDOTHELIAL
;    TITLE OF INVENTION:  GROWTH FACTOR
;    NUMBER OF SEQUENCES:  8502
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Lyon & Lyon
;      STREET:  633 West Fifth Street
;      STREET:  Suite 4700
;      CITY:  Los Angeles
;      STATE:  California
;      COUNTRY:  U.S.A.
;      ZIP:  90071-2066
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  3.5" Diskette, 1.44 Mb
;      MEDIUM TYPE:  storage
;      COMPUTER:  IBM Compatible
;      OPERATING SYSTEM:  IBM P.C. DOS 5.0
;      SOFTWARE:  Word Perfect 5.1
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/584,040
;      FILING DATE:  January 11, 1996
;      CLASSIFICATION:  514
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  60/005,974
;      FILING DATE:  October 26, 1995
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Warburg, Richard J.
;      REGISTRATION NUMBER:  32,327
;      REFERENCE/DOCKET NUMBER:  218/064
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (213) 489-1600
;      TELEFAX:  (213) 955-0440
;      TELEX:  67-3510
;  INFORMATION FOR SEQ ID NO:  7331:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  17 base pairs
;      TYPE:  nucleic acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
US-08-584-040-7331

  Query Match             80.0%;  Score 12;  DB 4;  Length 17;
  Best Local Similarity   75.0%;  Pred. No. 5.1e+02;
  Matches    9;  Conservative    3;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 GCTGGAATTACC 12
              ||:||||::|||
Db          1 GCUGGAAUUACC 12


RESULT 10
US-09-371-772B-3140
; Sequence 3140, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
;  APPLICANT: Ribozyme Pharmaceuticals, Inc.
;  APPLICANT:  Pavco, Pam
;  APPLICANT:  McSwiggen, Jim
;  APPLICANT:  Stinchcomb, Dan
;  APPLICANT:  Escobedo, Jaime
;  TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
;  TITLE OF INVENTION:  Levels of Vascular Endothelial Growth Factor Receptor
;  FILE REFERENCE: MBHB00,876-J (237/198)
;  CURRENT APPLICATION NUMBER: US/09/371,772B
;  CURRENT FILING DATE:  1999-08-10
;  PRIOR APPLICATION NUMBER: US 60/005,974
;  PRIOR FILING DATE: 1995-10-26
;  PRIOR APPLICATION NUMBER: US 08/584,040
;  PRIOR FILING DATE: 1996-01-08
;  NUMBER OF SEQ ID NOS: 14225
;  SOFTWARE: PatentIn version 3.0
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; SEQ ID NO 3140
;   LENGTH: 17
;   TYPE: RNA
;   ORGANISM: Mus sp.
US-09-371-772B-3140

  Query Match             80.0%;  Score 12;  DB 4;  Length 17;
  Best Local Similarity   75.0%;  Pred. No. 5.1e+02;
  Matches    9;  Conservative    3;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 GCTGGAATTACC 12
              ||:||||::|||
Db          1 GCUGGAAUUACC 12


RESULT 11
US-08-460-344-57
; Sequence 57, Application US/08460344
; Patent No. 5654418
;  GENERAL INFORMATION:
;    APPLICANT:  SHEINESS, Diana K.
;    APPLICANT:  ADAMS, Trevor H.
;    APPLICANT:  STAMM, Michael R.
;    APPLICANT:  CANGELOSI, Gerard A.
;    APPLICANT:  BRITSCHGI, Theresa B.
;    APPLICANT:  DIX, Connie K.
;    TITLE OF INVENTION:  METHODS AND DIAGNOSTIC KITS USEFUL FOR
;    TITLE OF INVENTION:  DETECTING MICROORGANISMS ASSOCIATED WITH VAGINAL
;    TITLE OF INVENTION:  INFECTIONS
;    NUMBER OF SEQUENCES:  72
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Townsend and Townsend Khourie and Crew
;      STREET:  Steuart Street Tower, One Market Plaza
;      CITY:  San Francisco
;      STATE:  California
;      COUNTRY:  US
;      ZIP:  94105-1493
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/460,344
;      FILING DATE:  02-JUN-1995
;      CLASSIFICATION:  536
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 08/133,598
;      FILING DATE:  08-OCT-1993
;      APPLICATION NUMBER:  US 07/896,094
;      FILING DATE:  29-MAY-1992
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 07/600,334
;      FILING DATE:  19-OCT-1990
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Garrett-Wackowski, Eugenia
;      REGISTRATION NUMBER:  37,330
;      REFERENCE/DOCKET NUMBER:  11652-73-2
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (415) 543-9600
;      TELEFAX:  (415) 543-5043
;  INFORMATION FOR SEQ ID NO:  57:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  21 base pairs
;      TYPE:  nucleic acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  DNA
US-08-460-344-57

  Query Match             80.0%;  Score 12;  DB 1;  Length 21;
  Best Local Similarity   100.0%;  Pred. No. 5.2e+02;
  Matches   12;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          4 GGAATTACCGCG 15
              ||||||||||||
Db          1 GGAATTACCGCG 12


RESULT 12
US-08-133-598A-57
; Sequence 57, Application US/08133598A
; Patent No. 5700636
;  GENERAL INFORMATION:
;    APPLICANT:  SHEINESS, Diana K.
;    APPLICANT:  ADAMS, Trevor H.
;    APPLICANT:  STAMM, Michael R.
;    APPLICANT:  CANGELOSI, Gerard A.
;    APPLICANT:  BRITSCHGI, Theresa B.
;    APPLICANT:  DIX, Connie K.
;    TITLE OF INVENTION:  METHODS AND DIAGNOSTIC KITS USEFUL FOR
;    TITLE OF INVENTION:  DETECTING MICROORGANISMS ASSOCIATED WITH VAGINAL
;    TITLE OF INVENTION:  INFECTIONS
;    NUMBER OF SEQUENCES:  72
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Townsend and Townsend Khourie and Crew
;      STREET:  Steuart Street Tower, One Market Plaza
;      CITY:  San Francisco
;      STATE:  California
;      COUNTRY:  US
;      ZIP:  94105-1493
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/133,598A
;      FILING DATE:  08-OCT-1993
;      CLASSIFICATION:  435
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 07/896,094
;      FILING DATE:  29-MAY-1992
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 07/600,334
;      FILING DATE:  19-OCT-1990
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Garrett-Wackowski, Eugenia
;      REGISTRATION NUMBER:  37,330
;      REFERENCE/DOCKET NUMBER:  11652-73-2
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (415) 543-9600
;      TELEFAX:  (415) 543-5043
;  INFORMATION FOR SEQ ID NO:  57:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  21 base pairs
;      TYPE:  nucleic acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  DNA
US-08-133-598A-57

  Query Match             80.0%;  Score 12;  DB 1;  Length 21;
  Best Local Similarity   100.0%;  Pred. No. 5.2e+02;
  Matches   12;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          4 GGAATTACCGCG 15
              ||||||||||||
Db          1 GGAATTACCGCG 12


RESULT 13
US-08-886-999-57
; Sequence 57, Application US/08886999
; Patent No. 5776694
;  GENERAL INFORMATION:
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;    APPLICANT:  SHEINESS, Diana K.
;    APPLICANT:  ADAMS, Trevor H.
;    APPLICANT:  STAMM, Michael R.
;    APPLICANT:  CANGELOSI, Gerard A.
;    APPLICANT:  BRITSCHGI, Theresa B.
;    APPLICANT:  DIX, Connie K.
;    TITLE OF INVENTION:  METHODS AND DIAGNOSTIC KITS USEFUL FOR
;    TITLE OF INVENTION:  DETECTING MICROORGANISMS ASSOCIATED WITH VAGINAL
;    TITLE OF INVENTION:  INFECTIONS
;    NUMBER OF SEQUENCES:  72
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Townsend and Townsend Khourie and Crew
;      STREET:  Steuart Street Tower, One Market Plaza
;      CITY:  San Francisco
;      STATE:  California
;      COUNTRY:  US
;      ZIP:  94105-1493
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/886,999
;      FILING DATE:
;      CLASSIFICATION:  435
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 08/458,319
;      FILING DATE:  02-JUN-1995
;      APPLICATION NUMBER:  US 08/133,598
;      FILING DATE:  08-OCT-1993
;      APPLICATION NUMBER:  US 07/896,094
;      FILING DATE:  29-MAY-1992
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 07/600,334
;      FILING DATE:  19-OCT-1990
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Garrett-Wackowski, Eugenia
;      REGISTRATION NUMBER:  37,330
;      REFERENCE/DOCKET NUMBER:  11652-73-2
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (415) 543-9600
;      TELEFAX:  (415) 543-5043
;  INFORMATION FOR SEQ ID NO:  57:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  21 base pairs
;      TYPE:  nucleic acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  DNA
US-08-886-999-57

  Query Match             80.0%;  Score 12;  DB 1;  Length 21;
  Best Local Similarity   100.0%;  Pred. No. 5.2e+02;
  Matches   12;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          4 GGAATTACCGCG 15
              ||||||||||||
Db          1 GGAATTACCGCG 12


RESULT 14
US-08-460-344-58
; Sequence 58, Application US/08460344
; Patent No. 5654418
;  GENERAL INFORMATION:
;    APPLICANT:  SHEINESS, Diana K.
;    APPLICANT:  ADAMS, Trevor H.
;    APPLICANT:  STAMM, Michael R.
;    APPLICANT:  CANGELOSI, Gerard A.
;    APPLICANT:  BRITSCHGI, Theresa B.
;    APPLICANT:  DIX, Connie K.
;    TITLE OF INVENTION:  METHODS AND DIAGNOSTIC KITS USEFUL FOR
;    TITLE OF INVENTION:  DETECTING MICROORGANISMS ASSOCIATED WITH VAGINAL
;    TITLE OF INVENTION:  INFECTIONS
;    NUMBER OF SEQUENCES:  72
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Townsend and Townsend Khourie and Crew
;      STREET:  Steuart Street Tower, One Market Plaza
;      CITY:  San Francisco
;      STATE:  California
;      COUNTRY:  US
;      ZIP:  94105-1493
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/460,344
;      FILING DATE:  02-JUN-1995
;      CLASSIFICATION:  536
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 08/133,598
;      FILING DATE:  08-OCT-1993
;      APPLICATION NUMBER:  US 07/896,094
;      FILING DATE:  29-MAY-1992
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 07/600,334
;      FILING DATE:  19-OCT-1990
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Garrett-Wackowski, Eugenia
;      REGISTRATION NUMBER:  37,330
;      REFERENCE/DOCKET NUMBER:  11652-73-2
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (415) 543-9600
;      TELEFAX:  (415) 543-5043
;  INFORMATION FOR SEQ ID NO:  58:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  24 base pairs
;      TYPE:  nucleic acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  DNA
US-08-460-344-58

  Query Match             80.0%;  Score 12;  DB 1;  Length 24;
  Best Local Similarity   100.0%;  Pred. No. 5.3e+02;
  Matches   12;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          4 GGAATTACCGCG 15
              ||||||||||||
Db          1 GGAATTACCGCG 12


RESULT 15
US-08-133-598A-58
; Sequence 58, Application US/08133598A
; Patent No. 5700636
;  GENERAL INFORMATION:
;    APPLICANT:  SHEINESS, Diana K.
;    APPLICANT:  ADAMS, Trevor H.
;    APPLICANT:  STAMM, Michael R.
;    APPLICANT:  CANGELOSI, Gerard A.
;    APPLICANT:  BRITSCHGI, Theresa B.
;    APPLICANT:  DIX, Connie K.
;    TITLE OF INVENTION:  METHODS AND DIAGNOSTIC KITS USEFUL FOR
;    TITLE OF INVENTION:  DETECTING MICROORGANISMS ASSOCIATED WITH VAGINAL
;    TITLE OF INVENTION:  INFECTIONS
;    NUMBER OF SEQUENCES:  72
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Townsend and Townsend Khourie and Crew
;      STREET:  Steuart Street Tower, One Market Plaza
;      CITY:  San Francisco
;      STATE:  California
;      COUNTRY:  US
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;       ZIP:  94105-1493
;     COMPUTER READABLE FORM:
;       MEDIUM TYPE:  Floppy disk
;       COMPUTER:  IBM PC compatible
;       OPERATING SYSTEM:  PC-DOS/MS-DOS
;       SOFTWARE:  PatentIn Release #1.0, Version #1.25
;     CURRENT APPLICATION DATA:
;       APPLICATION NUMBER:  US/08/133,598A
;       FILING DATE:  08-OCT-1993
;       CLASSIFICATION:  435
;     PRIOR APPLICATION DATA:
;       APPLICATION NUMBER:  US 07/896,094
;       FILING DATE:  29-MAY-1992
;     PRIOR APPLICATION DATA:
;       APPLICATION NUMBER:  US 07/600,334
;       FILING DATE:  19-OCT-1990
;     ATTORNEY/AGENT INFORMATION:
;       NAME:  Garrett-Wackowski, Eugenia
;       REGISTRATION NUMBER:  37,330
;       REFERENCE/DOCKET NUMBER:  11652-73-2
;     TELECOMMUNICATION INFORMATION:
;       TELEPHONE:  (415) 543-9600
;       TELEFAX:  (415) 543-5043
;   INFORMATION FOR SEQ ID NO:  58:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH:  24 base pairs
;       TYPE:  nucleic acid
;       STRANDEDNESS:  single
;       TOPOLOGY:  linear
;     MOLECULE TYPE:  DNA
US-08-133-598A-58

  Query Match             80.0%;  Score 12;  DB 1;  Length 24;
  Best Local Similarity   100.0%;  Pred. No. 5.3e+02;
  Matches   12;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          4 GGAATTACCGCG 15
              ||||||||||||
Db          1 GGAATTACCGCG 12


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GenCore version 5.1.6

OM nucleic - nucleic search, using sw model

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Title: US-10-090-326-13
Perfect score: 19
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Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 3337386 seqs, 2532474682 residues

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Maximum DB seq length: 60

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
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2	19	100.0	23	13	US-10-090-326-11	Sequence 11, Appl
3	19	100.0	30	15	US-10-026-952-127	Sequence 127, App
4	15.4	81.1	60	10	US-09-908-975-20400	Sequence 20400, A
c 5	13.8	72.6	60	10	US-09-908-975-16178	Sequence 16178, A
c 6	13.4	70.5	25	15	US-10-098-263B-6862	Sequence 6862, Ap
c 7	13.2	69.5	25	15	US-10-098-263B-125017	Sequence 125017,
c 8	13.2	69.5	25	15	US-10-098-263B-125018	Sequence 125018,
c 9	12.8	67.4	21	16	US-10-349-143-6106	Sequence 6106, Ap
10	12.8	67.4	22	15	US-10-143-266-38	Sequence 38, Appl
11	12.8	67.4	23	9	US-09-969-373-3108	Sequence 3108, Ap
c 12	12.8	67.4	25	15	US-10-098-263B-111087	Sequence 111087,
c 13	12.8	67.4	39	17	US-10-343-859-31	Sequence 31, Appl
c 14	12.8	67.4	39	17	US-10-343-859-32	Sequence 32, Appl
c 15	12.8	67.4	50	16	US-10-131-827-1053	Sequence 1053, Ap
c 16	12.8	67.4	53	17	US-10-420-529-119	Sequence 119, App
c 17	12.8	67.4	60	10	US-09-908-975-23260	Sequence 23260, A
18	12.6	66.3	25	15	US-10-098-263B-40456	Sequence 40456, A
c 19	12.4	65.3	16	15	US-10-116-993-6	Sequence 6, Appli
c 20	12.4	65.3	16	17	US-10-743-163-6	Sequence 6, Appli
c 21	12.4	65.3	22	10	US-09-915-815-2	Sequence 2, Appli
22	12.4	65.3	22	16	US-10-360-705-22	Sequence 22, Appl
c 23	12.4	65.3	30	13	US-10-023-831A-4	Sequence 4, Appli
24	12.4	65.3	34	10	US-09-894-839-34	Sequence 34, Appl
25	12.4	65.3	34	13	US-10-175-539A-18	Sequence 18, Appl
c 26	12.4	65.3	41	12	US-10-035-833A-1930	Sequence 1930, Ap
c 27	12.4	65.3	41	12	US-10-035-833A-4525	Sequence 4525, Ap
c 28	12.4	65.3	47	16	US-10-349-143-2735	Sequence 2735, Ap
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31	12.2	64.2	20	17	US-10-444-206-391	Sequence 391, App
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c 33	12.2	64.2	25	15	US-10-098-263B-108244	Sequence 108244,
c 34	12.2	64.2	30	17	US-10-716-029-201	Sequence 201, App
35	12.2	64.2	37	9	US-09-841-132-347	Sequence 347, App
36	12.2	64.2	41	12	US-10-035-833A-1737	Sequence 1737, Ap
37	12.2	64.2	41	12	US-10-035-833A-5931	Sequence 5931, Ap
38	12.2	64.2	41	12	US-10-035-833A-7664	Sequence 7664, Ap
39	12.2	64.2	50	16	US-10-131-827-1115	Sequence 1115, Ap
c 40	12.2	64.2	52	12	US-10-035-833A-7488	Sequence 7488, Ap
41	12.2	64.2	54	13	US-10-357-820-41	Sequence 41, Appl
c 42	12.2	64.2	60	10	US-09-908-975-11181	Sequence 11181, A
c 43	12.2	64.2	60	10	US-09-908-975-14630	Sequence 14630, A
c 44	12.2	64.2	60	10	US-09-908-975-17161	Sequence 17161, A
45	12.2	64.2	60	10	US-09-908-975-31670	Sequence 31670, A

ALIGNMENTS

RESULT 1
US-10-090-326-13
; Sequence 13, Application US/10090326
; Publication No. US20030017482A1
; GENERAL INFORMATION:
; APPLICANT: University of Pittsburgh
; APPLICANT: Godfrey, Tony E.
; APPLICANT: Luketich, James D.
; APPLICANT: Raja, Siva
; APPLICANT: Kelly, Lori A
; APPLICANT: Finkelstein, Sydney D.
; TITLE OF INVENTION: PCR Method
; FILE REFERENCE: 010211
; CURRENT APPLICATION NUMBER: US/10/090,326
; CURRENT FILING DATE: 2002-03-04
; PRIOR APPLICATION NUMBER: 60/273,277
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 18SrRNA Forward - low temp -PCR primer
US-10-090-326-13

Query Match 100.0%; Score 19; DB 13; Length 19;
Best Local Similarity 100.0%; Pred. No. 7.7;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```
Qy          1 CCCTGTAATTGGAATGAGT 19
              |||||||||||||||||||
Db          1 CCCTGTAATTGGAATGAGT 19
```

RESULT 2

US-10-090-326-11
; Sequence 11, Application US/10090326
; Publication No. US20030017482A1
; GENERAL INFORMATION:
; APPLICANT: University of Pittsburgh
; APPLICANT: Godfrey, Tony E.
; APPLICANT: Luketich, James D.
; APPLICANT: Raja, Siva
; APPLICANT: Kelly, Lori A
; APPLICANT: Finkelstein, Sydney D.
; TITLE OF INVENTION: PCR Method
; FILE REFERENCE: 010211
; CURRENT APPLICATION NUMBER: US/10/090,326
; CURRENT FILING DATE: 2002-03-04
; PRIOR APPLICATION NUMBER: 60/273,277
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 11
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 18SrRNA forward PCR primer
US-10-090-326-11

Query Match 100.0%; Score 19; DB 13; Length 23;
Best Local Similarity 100.0%; Pred. No. 8;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CCCTGTAATTGGAATGAGT 19
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Db 1 CCCTGTAATTGGAATGAGT 19

RESULT 3
US-10-026-952-127
; Sequence 127, Application US/10026952
; Publication No. US20030165859A1
; GENERAL INFORMATION:
; APPLICANT: Nazarenko, Irina
; APPLICANT: Rashtchian, Ayoub
; APPLICANT: Solus, Joseph
; APPLICANT: Pires, Richard M.
; APPLICANT: Darfler, Marlene
; APPLICANT: Gebeyehu, Gulilat
; APPLICANT: Astatke, Mekbib
; TITLE OF INVENTION: Primers and Methods for the Detection and
; TITLE OF INVENTION: Discrimination of Nucleic Acids
; FILE REFERENCE: 0942.4980006
; CURRENT APPLICATION NUMBER: US/10/026,952
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: 60/330,468
; PRIOR FILING DATE: 2001-10-23
; PRIOR APPLICATION NUMBER: 60/139,890
; PRIOR FILING DATE: 1999-06-22
; PRIOR APPLICATION NUMBER: 60/175,959
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 09/599,594
; PRIOR FILING DATE: 2000-06-22
; PRIOR APPLICATION NUMBER: 09/748,146
; PRIOR FILING DATE: 2000-12-27
; NUMBER OF SEQ ID NOS: 139
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 127
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-026-952-127

Query Match 100.0%; Score 19; DB 15; Length 30;
Best Local Similarity 100.0%; Pred. No. 8.3;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CCCTGTAATTGGAATGAGT 19
||||||||||||||||||||
Db 11 CCCTGTAATTGGAATGAGT 29

RESULT 4
US-09-908-975-20400
; Sequence 20400, Application US/09908975
; Publication No. US20030165843A1
; GENERAL INFORMATION:
; APPLICANT: SHOSHAN, Avi
; APPLICANT: WASSERMAN, Alon
; APPLICANT: MINTZ, Eli
; APPLICANT: MINTZ, Liat
; APPLICANT: FAIGLER, Simchon
; TITLE OF INVENTION: OLIGONUCLEOTIDE LIBRARY FOR DETECTING RNA TRANSCRIPTS AND SPLICE
; TITLE OF INVENTION: THAT POPULATE A TRANSCRIPTOME
; FILE REFERENCE: 36688-0005
; CURRENT APPLICATION NUMBER: US/09/908,975
; CURRENT FILING DATE: 2001-07-20
; PRIOR APPLICATION NUMBER: US 60/287,724
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: US 60/221,607
; PRIOR FILING DATE: 2000-07-28
; NUMBER OF SEQ ID NOS: 32337
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 20400
; LENGTH: 60
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-908-975-20400

Query Match 81.1%; Score 15.4; DB 10; Length 60;
Best Local Similarity 94.1%; Pred. No. 6.2e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3 CTGTAATTGGAATGAGT 19
||||| ||||||||||
Db 13 CTGTATTTGGAATGAGT 29

RESULT 5
US-09-908-975-16178/c
; Sequence 16178, Application US/09908975
; Publication No. US20030165843A1
; GENERAL INFORMATION:
; APPLICANT: SHOSHAN, Avi
; APPLICANT: WASSERMAN, Alon
; APPLICANT: MINTZ, Eli
; APPLICANT: MINTZ, Liat
; APPLICANT: FAIGLER, Simchon
; TITLE OF INVENTION: OLIGONUCLEOTIDE LIBRARY FOR DETECTING RNA TRANSCRIPTS AND SPLICE
; TITLE OF INVENTION: THAT POPULATE A TRANSCRIPTOME
; FILE REFERENCE: 36688-0005
; CURRENT APPLICATION NUMBER: US/09/908,975
; CURRENT FILING DATE: 2001-07-20
; PRIOR APPLICATION NUMBER: US 60/287,724
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: US 60/221,607
; PRIOR FILING DATE: 2000-07-28
; NUMBER OF SEQ ID NOS: 32337
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 16178
; LENGTH: 60
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-908-975-16178

Query Match 72.6%; Score 13.8; DB 10; Length 60;
Best Local Similarity 88.2%; Pred. No. 4e+03;

```
  Matches   15;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          2 CCTGTAATTGGAATGAG 18
              | || ||||||||||||
Db         47 CTTGGAATTGGAATGAG 31


RESULT 6
US-10-098-263B-6862/c
; Sequence 6862, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
;  APPLICANT: Mittman, Michael
;  TITLE OF INVENTION: Human Microarray
;  FILE REFERENCE: 3118.1
;  CURRENT APPLICATION NUMBER: US/10/098,263B
;  CURRENT FILING DATE:  2003-01-08
;  PRIOR APPLICATION NUMBER: 60/276,759
;  PRIOR FILING DATE: 2001-03-16
;  NUMBER OF SEQ ID NOS: 131066
;  SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 6862
;   LENGTH: 25
;   TYPE: DNA
;   ORGANISM: Homo sapien
US-10-098-263B-6862

  Query Match             70.5%;  Score 13.4;  DB 15;  Length 25;
  Best Local Similarity   93.3%;  Pred. No. 5.6e+03;
  Matches   14;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          5 GTAATTGGAATGAGT 19
              || ||||||||||||
Db         24 GTGATTGGAATGAGT 10


RESULT 7
US-10-098-263B-125017/c
; Sequence 125017, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
;  APPLICANT: Mittman, Michael
;  TITLE OF INVENTION: Human Microarray
;  FILE REFERENCE: 3118.1
;  CURRENT APPLICATION NUMBER: US/10/098,263B
;  CURRENT FILING DATE:  2003-01-08
;  PRIOR APPLICATION NUMBER: 60/276,759
;  PRIOR FILING DATE: 2001-03-16
;  NUMBER OF SEQ ID NOS: 131066
;  SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 125017
;   LENGTH: 25
;   TYPE: DNA
;   ORGANISM: Homo sapien
US-10-098-263B-125017

  Query Match             69.5%;  Score 13.2;  DB 15;  Length 25;
  Best Local Similarity   83.3%;  Pred. No. 7.1e+03;
  Matches   15;  Conservative    0;  Mismatches    3;  Indels    0;  Gaps    0;

Qy          2 CCTGTAATTGGAATGAGT 19
              ||||| | |||||| |||
Db         18 CCTGTCAATGGAATAAGT 1


RESULT 8
US-10-098-263B-125018/c
; Sequence 125018, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
;  APPLICANT: Mittman, Michael
;  TITLE OF INVENTION: Human Microarray
;  FILE REFERENCE: 3118.1
;  CURRENT APPLICATION NUMBER: US/10/098,263B
;  CURRENT FILING DATE:  2003-01-08
;  PRIOR APPLICATION NUMBER: 60/276,759
;  PRIOR FILING DATE: 2001-03-16
;  NUMBER OF SEQ ID NOS: 131066
;  SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 125018
;   LENGTH: 25
;   TYPE: DNA
;   ORGANISM: Homo sapien
US-10-098-263B-125018

  Query Match             69.5%;  Score 13.2;  DB 15;  Length 25;
  Best Local Similarity   83.3%;  Pred. No. 7.1e+03;
  Matches   15;  Conservative    0;  Mismatches    3;  Indels    0;  Gaps    0;

Qy          2 CCTGTAATTGGAATGAGT 19
              ||||| | |||||| |||
Db         18 CCTGTGAATGGAATAAGT 1


RESULT 9
US-10-349-143-6106/c
; Sequence 6106, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
;  APPLICANT: Cohen, Daniel
;  APPLICANT:  Blumenfeld, Marta
;  APPLICANT:  Chumakov, Ilya
;  TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
;  FILE REFERENCE: GENSET.020CP1
;  CURRENT APPLICATION NUMBER: US/10/349,143
;  CURRENT FILING DATE:  2003-01-21
;  PRIOR APPLICATION NUMBER: US/09/422,978
;  PRIOR FILING DATE: 1999-10-20
;  PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
;  PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
;  PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
;  PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
;  PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
;  PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
;  NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 6106
;   LENGTH: 21
;   TYPE: DNA
;   ORGANISM: Homo Sapiens
;   FEATURE:
;   NAME/KEY: primer_bind
;   LOCATION: 1..21
;   OTHER INFORMATION: upstream amplification primer 99-8992 for SEQ 2172,
US-10-349-143-6106

  Query Match             67.4%;  Score 12.8;  DB 16;  Length 21;
  Best Local Similarity   87.5%;  Pred. No. 1.1e+04;
  Matches   14;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          4 TGTAATTGGAATGAGT 19
              | ||||||||||| |||
Db         18 TCTAATTGGAATTAGT 3


RESULT 10
US-10-143-266-38
; Sequence 38, Application US/10143266
; Publication No. US20030108887A1
; GENERAL INFORMATION:
;  APPLICANT: Ranum, Laura
;  APPLICANT:  Day, John
;  APPLICANT:  Liquori, Christina
;  TITLE OF INVENTION: INTRON ASSOCIATED WITH MYOTONIC DYSTROPHY TYPE 2 AND METHODS OF U
;  FILE REFERENCE: 110.01580101
;  CURRENT APPLICATION NUMBER: US/10/143,266
;  CURRENT FILING DATE:  2002-05-10
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;  PRIOR APPLICATION NUMBER: 60/290,365
;  PRIOR FILING DATE: 2001-05-11
;  PRIOR APPLICATION NUMBER: 60/302,022
;  PRIOR FILING DATE: 2001-06-29
;  PRIOR APPLICATION NUMBER: 60/337,831
;  PRIOR FILING DATE: 2001-11-13
;  NUMBER OF SEQ ID NOS: 39
;  SOFTWARE: PatentIn version 3.0
; SEQ ID NO 38
;   LENGTH: 22
;   TYPE: DNA
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: probe
US-10-143-266-38

  Query Match             67.4%;  Score 12.8;  DB 15;  Length 22;
  Best Local Similarity   87.5%;  Pred. No. 1.1e+04;
  Matches   14;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          4 TGTAATTGGAATGAGT 19
              || | ||||||||||
Db          2 TGGACTTGGAATGAGT 17


RESULT 11
US-09-969-373-3108
; Sequence 3108, Application US/09969373
; Patent No. US20020133852A1
; GENERAL INFORMATION:
;  APPLICANT: Effertz, Roger J.
;  APPLICANT:  Hauge, Brian M.
;  TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
;  FILE REFERENCE: 38-10(52679)A
;  CURRENT APPLICATION NUMBER: US/09/969,373
;  CURRENT FILING DATE:  2001-10-02
;  PRIOR APPLICATION NUMBER: US 09/754,853
;  PRIOR FILING DATE: 2001-01-05
;  PRIOR APPLICATION NUMBER: US 09/760,427
;  PRIOR FILING DATE: 2001-01-13
;  PRIOR APPLICATION NUMBER: US 09/855,768
;  PRIOR FILING DATE: 2001-05-15
;  NUMBER OF SEQ ID NOS: 4593
; SEQ ID NO 3108
;   LENGTH: 23
;   TYPE: DNA
;   ORGANISM: Glycine max
US-09-969-373-3108

  Query Match             67.4%;  Score 12.8;  DB 9;  Length 23;
  Best Local Similarity   87.5%;  Pred. No. 1.1e+04;
  Matches   14;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          4 TGTAATTGGAATGAGT 19
              |||||  |||||||||
Db          5 TGTAAGAGGAATGAGT 20


RESULT 12
US-10-098-263B-111087/c
; Sequence 111087, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
;  APPLICANT: Mittman, Michael
;  TITLE OF INVENTION: Human Microarray
;  FILE REFERENCE: 3118.1
;  CURRENT APPLICATION NUMBER: US/10/098,263B
;  CURRENT FILING DATE:  2003-01-08
;  PRIOR APPLICATION NUMBER: 60/276,759
;  PRIOR FILING DATE: 2001-03-16
;  NUMBER OF SEQ ID NOS: 131066
;  SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 111087
;   LENGTH: 25
;   TYPE: DNA
;   ORGANISM: Homo sapien
US-10-098-263B-111087

  Query Match             67.4%;  Score 12.8;  DB 15;  Length 25;
  Best Local Similarity   87.5%;  Pred. No. 1.1e+04;
  Matches   14;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 CCCTGTAATTGGAATG 16
              ||  ||||||||||||
Db         25 CCTGGTAATTGGAATG 10


RESULT 13
US-10-343-859-31/c
; Sequence 31, Application US/10343859
; Publication No. US20040110161A1
; GENERAL INFORMATION:
;  APPLICANT: Nanogen Recognomics GMBH
;  TITLE OF INVENTION: Method for detecting mutations in
;  TITLE OF INVENTION:  nucleotide sequences
;  FILE REFERENCE: 612,406-033
;  CURRENT APPLICATION NUMBER: US/10/343,859
;  CURRENT FILING DATE:  2003-11-24
;  PRIOR APPLICATION NUMBER: PCT/EP01/08127
;  PRIOR FILING DATE: 2001-07-13
;  PRIOR APPLICATION NUMBER: 10038237.1
;  PRIOR FILING DATE: 2000-08-04
;  NUMBER OF SEQ ID NOS: 52
;  SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 31
;   LENGTH: 39
;   TYPE: DNA
;   ORGANISM: Homo sapiens
US-10-343-859-31

  Query Match             67.4%;  Score 12.8;  DB 17;  Length 39;
  Best Local Similarity   87.5%;  Pred. No. 1.2e+04;
  Matches   14;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 CCCTGTAATTGGAATG 16
              | |||||  ||||||||
Db         16 CACTGTACTTGGAATG 1


RESULT 14
US-10-343-859-32/c
; Sequence 32, Application US/10343859
; Publication No. US20040110161A1
; GENERAL INFORMATION:
;  APPLICANT: Nanogen Recognomics GMBH
;  TITLE OF INVENTION: Method for detecting mutations in
;  TITLE OF INVENTION:  nucleotide sequences
;  FILE REFERENCE: 612,406-033
;  CURRENT APPLICATION NUMBER: US/10/343,859
;  CURRENT FILING DATE:  2003-11-24
;  PRIOR APPLICATION NUMBER: PCT/EP01/08127
;  PRIOR FILING DATE: 2001-07-13
;  PRIOR APPLICATION NUMBER: 10038237.1
;  PRIOR FILING DATE: 2000-08-04
;  NUMBER OF SEQ ID NOS: 52
;  SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 32
;   LENGTH: 39
;   TYPE: DNA
;   ORGANISM: Homo sapiens
US-10-343-859-32

  Query Match             67.4%;  Score 12.8;  DB 17;  Length 39;
  Best Local Similarity   87.5%;  Pred. No. 1.2e+04;
  Matches   14;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;
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Qy          1 CCCTGTAATTGGAATG 16
              | ||||| ||||||||
Db         16 CACTGTACTTGGAATG 1
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RESULT 15
US-10-131-827-1053/c
; Sequence 1053, Application US/10131827
; Publication No. US20040009479A1
; GENERAL INFORMATION:
; APPLICANT: Wohlgemuth, Jay
; APPLICANT: Fry, Kirk
; APPLICANT: Woodward, Robert
; APPLICANT: Ly, Ngoc
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSING AND MONITORING AUTOIMMUNE
; TITLE OF INVENTION: CHRONIC INFLAMMATORY DISEASES
; FILE REFERENCE: 506612000120
; CURRENT APPLICATION NUMBER: US/10/131,827
; CURRENT FILING DATE: 2002-09-06
; PRIOR APPLICATION NUMBER: US 10/006,290
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: US 60/296,764
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 9090
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1053
; LENGTH: 50
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-131-827-1053

Query Match 67.4%; Score 12.8; DB 16; Length 50;
Best Local Similarity 87.5%; Pred. No. 1.3e+04;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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Qy          3 CTGTAATTGGAATGAG 18
              |||||| ||| |||||
Db         19 CTGTAAATGGGATGAG 4
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GenCore version 5.1.6

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Sequence: 1 gctggaattaccgcggct 18

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 3337386 seqs, 2532474682 residues

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Maximum Match 100%
Listing first 45 summaries

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12: /cgn2_6/ptodata/2/pubpna/US09_NEW_PUB.seq:*
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14: /cgn2_6/ptodata/2/pubpna/US10A_PUBCOMB.seq:*
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16: /cgn2_6/ptodata/2/pubpna/US10C_PUBCOMB.seq:*
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19: /cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	18	100.0	18	9	US-09-754-949-12	Sequence 12, Appl
2	18	100.0	18	9	US-09-825-561A-44	Sequence 44, Appl
3	18	100.0	18	10	US-09-997-848A-8	Sequence 8, Appli
4	18	100.0	18	10	US-09-997-848A-14	Sequence 14, Appl
5	18	100.0	18	10	US-09-892-949-85	Sequence 85, Appl
6	18	100.0	18	13	US-10-440-428-17	Sequence 17, Appl
7	18	100.0	18	13	US-10-090-326-12	Sequence 12, Appl
8	18	100.0	18	13	US-10-352-554-57	Sequence 57, Appl
9	18	100.0	18	15	US-10-267-129-10	Sequence 10, Appl
10	18	100.0	18	15	US-10-243-072-67	Sequence 67, Appl
11	18	100.0	18	15	US-10-414-186-67	Sequence 67, Appl
12	18	100.0	18	16	US-10-351-157-57	Sequence 57, Appl
13	18	100.0	18	16	US-10-417-422-13	Sequence 13, Appl
14	18	100.0	18	16	US-10-284-569-29	Sequence 29, Appl
15	18	100.0	18	17	US-10-296-551-13	Sequence 13, Appl
16	18	100.0	18	17	US-10-663-002-12	Sequence 12, Appl
17	18	100.0	18	17	US-10-718-948-2	Sequence 2, Appli
18	18	100.0	18	17	US-10-772-531-85	Sequence 85, Appl
19	15	83.3	15	13	US-10-090-326-14	Sequence 14, Appl
c 20	15	83.3	17	17	US-10-361-002-79	Sequence 79, Appl
c 21	15	83.3	17	17	US-10-361-004-79	Sequence 79, Appl
22	13.8	76.7	45	10	US-09-951-061A-74	Sequence 74, Appl
23	13.8	76.7	45	15	US-10-267-384-88	Sequence 88, Appl
24	13.4	74.4	23	17	US-10-627-253A-57	Sequence 57, Appl
c 25	13.2	73.3	18	9	US-09-954-314-29	Sequence 29, Appl
26	13.2	73.3	18	9	US-09-954-314-35	Sequence 35, Appl
27	13.2	73.3	18	13	US-09-780-113D-1	Sequence 1, Appli
c 28	13.2	73.3	18	13	US-09-780-113D-2	Sequence 2, Appli
c 29	13.2	73.3	18	14	US-10-053-243-5	Sequence 5, Appli
30	13.2	73.3	18	14	US-10-053-243-6	Sequence 6, Appli
31	13.2	73.3	18	14	US-10-057-753-2	Sequence 2, Appli
c 32	13.2	73.3	18	15	US-10-230-562-29	Sequence 29, Appl
33	13.2	73.3	18	15	US-10-230-562-35	Sequence 35, Appl
c 34	13.2	73.3	18	15	US-10-230-026-51	Sequence 51, Appl
35	13.2	73.3	18	15	US-10-230-026-57	Sequence 57, Appl
36	13.2	73.3	18	15	US-10-085-871C-9	Sequence 9, Appli
37	13.2	73.3	18	17	US-10-659-948A-16	Sequence 16, Appl
38	13.2	73.3	18	17	US-10-659-980A-16	Sequence 16, Appl
c 39	13.2	73.3	18	17	US-10-466-016-3	Sequence 3, Appli
40	13.2	73.3	18	17	US-10-466-016-8	Sequence 8, Appli
41	13.2	73.3	18	17	US-10-659-983A-16	Sequence 16, Appl
42	12.8	71.1	17	17	US-10-138-674-3140	Sequence 3140, Ap
43	12.8	71.1	17	17	US-10-287-949A-3140	Sequence 3140, Ap
c 44	12.8	71.1	25	15	US-10-098-263B-77190	Sequence 77190, A
c 45	12.8	71.1	50	12	US-10-343-319-55	Sequence 55, Appl

ALIGNMENTS

RESULT 1
US-09-754-949-12
; Sequence 12, Application US/09754949
; Patent No. US20020015939A1
; GENERAL INFORMATION:
; APPLICANT: MCCARTHY, JUSTIN
; APPLICANT: CORDELL, BARBARA
; TITLE OF INVENTION: METHODS FOR IDENTIFYING INHIBITORS OF
; TITLE OF INVENTION: NEURONAL DEGENERATION
; FILE REFERENCE: SCIOS.012A
; CURRENT APPLICATION NUMBER: US/09/754,949
; CURRENT FILING DATE: 2001-01-04
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 12
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-09-754-949-12

Query Match 100.0%; Score 18; DB 9; Length 18;
Best Local Similarity 100.0%; Pred. No. 5.3;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GCTGGAATTACCGCGGCT 18
||||||||||||||||||
Db 1 GCTGGAATTACCGCGGCT 18

RESULT 2
US-09-825-561A-44
; Sequence 44, Application US/09825561A
; Patent No. US20020137677A1
; GENERAL INFORMATION:
; APPLICANT: Sprecher, Cindy A.

; APPLICANT: No. US20020137677A1ak, Julia E.
; APPLICANT: West, James W.
; APPLICANT: Presnell, Scott R.
; APPLICANT: Holly, Richard D.
; APPLICANT: Nelson, Andrew J.
; TITLE OF INVENTION: SOLUBLE ZALPHA11 CYTOKINE RECEPTORS
; FILE REFERENCE: 00-22
; CURRENT APPLICATION NUMBER: US/09/825,561A
; CURRENT FILING DATE: 2000-04-05
; PRIOR APPLICATION NUMBER: US 60/194,731
; PRIOR FILING DATE: 2000-04-05
; PRIOR APPLICATION NUMBER: US 60/222,121
; PRIOR FILING DATE: 2000-07-28
; NUMBER OF SEQ ID NOS: 86
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 44
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer, rRNA reverse primer
US-09-825-561A-44

Query Match 100.0%; Score 18; DB 9; Length 18;
Best Local Similarity 100.0%; Pred. No. 5.3;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GCTGGAATTACCGCGGCT 18
||||||||||||||||||
Db 1 GCTGGAATTACCGCGGCT 18

RESULT 3
US-09-997-848A-8
; Sequence 8, Application US/09997848A
; Publication No. US20030027322A1
; GENERAL INFORMATION:
; APPLICANT: Federoff, Howard J.
; APPLICANT: Bowers, William J.
; APPLICANT: Frelinger, John G.
; APPLICANT: Willis, Richard A.
; APPLICANT: Evans, Thomas J.
; APPLICANT: Dewhurst, Stephen
; APPLICANT: Tolba, Khaled A.
; APPLICANT: Rosenblatt, Joseph D.
; TITLE OF INVENTION: HELPER VIRUS-FREE HERPESVIRUS AMPLICON
; TITLE OF INVENTION: PARTICLES AND USES THEREOF
; FILE REFERENCE: 12610-011001
; CURRENT APPLICATION NUMBER: US/09/997,848A
; CURRENT FILING DATE: 2002-09-10
; PRIOR APPLICATION NUMBER: US 60/253,858
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 60/250,079
; PRIOR FILING DATE: 2000-11-30
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide for PCR
US-09-997-848A-8

Query Match 100.0%; Score 18; DB 10; Length 18;
Best Local Similarity 100.0%; Pred. No. 5.3;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GCTGGAATTACCGCGGCT 18
||||||||||||||||||
Db 1 GCTGGAATTACCGCGGCT 18

RESULT 4
US-09-997-848A-14
; Sequence 14, Application US/09997848A
; Publication No. US20030027322A1
; GENERAL INFORMATION:
; APPLICANT: Federoff, Howard J.
; APPLICANT: Bowers, William J.
; APPLICANT: Frelinger, John G.
; APPLICANT: Willis, Richard A.
; APPLICANT: Evans, Thomas J.
; APPLICANT: Dewhurst, Stephen
; APPLICANT: Tolba, Khaled A.
; APPLICANT: Rosenblatt, Joseph D.
; TITLE OF INVENTION: HELPER VIRUS-FREE HERPESVIRUS AMPLICON
; TITLE OF INVENTION: PARTICLES AND USES THEREOF
; FILE REFERENCE: 12610-011001
; CURRENT APPLICATION NUMBER: US/09/997,848A
; CURRENT FILING DATE: 2002-09-10
; PRIOR APPLICATION NUMBER: US 60/253,858
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 60/250,079
; PRIOR FILING DATE: 2000-11-30
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 14
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide for PCR
US-09-997-848A-14

Query Match 100.0%; Score 18; DB 10; Length 18;
Best Local Similarity 100.0%; Pred. No. 5.3;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GCTGGAATTACCGCGGCT 18
||||||||||||||||||
Db 1 GCTGGAATTACCGCGGCT 18

RESULT 5
US-09-892-949-85
; Sequence 85, Application US/09892949
; Publication No. US20030096339A1
; GENERAL INFORMATION:
; APPLICANT: Sprecher, Cindy A.
; APPLICANT: Presnell, Scott R.
; APPLICANT: Gao, Zeren
; APPLICANT: Whitmore, Theodore E.
; APPLICANT: Kuijper, Joseph L.
; APPLICANT: Maurer, Mark F.
; TITLE OF INVENTION: CYTOKINE RECEPTOR ZCYTOR17
; FILE REFERENCE: 00-42
; CURRENT APPLICATION NUMBER: US/09/892,949
; CURRENT FILING DATE: 2001-06-26
; PRIOR APPLICATION NUMBER: US 60/214,282
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: US 60/214,955
; PRIOR FILING DATE: 2000-06-29
; PRIOR APPLICATION NUMBER: US 60/267,963
; PRIOR FILING DATE: 2001-08-02
; NUMBER OF SEQ ID NOS: 93
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 85
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: rRNA reverse primer
US-09-892-949-85

Query Match 100.0%; Score 18; DB 10; Length 18;

Best Local Similarity 100.0%; Pred. No. 5.3;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```
Qy          1 GCTGGAATTACCGCGGCT 18
              ||||||||||||||||||
Db          1 GCTGGAATTACCGCGGCT 18
```

RESULT 6
US-10-440-428-17
; Sequence 17, Application US/10440428
; Publication No. US20040038856A1
; GENERAL INFORMATION:
; APPLICANT: Chakravarty, Sarvajit
; APPLICANT: Dugar, Sundeep
; APPLICANT: Higgins, Linda S.
; APPLICANT: Kapoun, Ann M.
; APPLICANT: Liu, David Y.
; APPLICANT: Protter, Andrew A.
; APPLICANT: Schreiner, George F.
; APPLICANT: Tran, Thomas-Toan
; TITLE OF INVENTION: Treatment Of Fibroproliferative
; TITLE OF INVENTION: Disorders Using TGF-B Inhibitors
; FILE REFERENCE: 39739-0027
; CURRENT APPLICATION NUMBER: US/10/440,428
; CURRENT FILING DATE: 2003-05-16
; PRIOR APPLICATION NUMBER: US 60/381,720
; PRIOR FILING DATE: 2002-05-17
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 17
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-440-428-17

Query Match 100.0%; Score 18; DB 13; Length 18;
Best Local Similarity 100.0%; Pred. No. 5.3;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```
Qy          1 GCTGGAATTACCGCGGCT 18
              ||||||||||||||||||
Db          1 GCTGGAATTACCGCGGCT 18
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RESULT 7
US-10-090-326-12
; Sequence 12, Application US/10090326
; Publication No. US20030017482A1
; GENERAL INFORMATION:
; APPLICANT: University of Pittsburgh
; APPLICANT: Godfrey, Tony E.
; APPLICANT: Luketich, James D.
; APPLICANT: Raja, Siva
; APPLICANT: Kelly, Lori A
; APPLICANT: Finkelstein, Sydney D.
; TITLE OF INVENTION: PCR Method
; FILE REFERENCE: 010211
; CURRENT APPLICATION NUMBER: US/10/090,326
; CURRENT FILING DATE: 2002-03-04
; PRIOR APPLICATION NUMBER: 60/273,277
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 12
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 18SrRNA Reverse PCR primer
US-10-090-326-12

Query Match 100.0%; Score 18; DB 13; Length 18;

Best Local Similarity 100.0%; Pred. No. 5.3;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```
Qy          1 GCTGGAATTACCGCGGCT 18
              ||||||||||||||||||
Db          1 GCTGGAATTACCGCGGCT 18
```

RESULT 8
US-10-352-554-57
; Sequence 57, Application US/10352554
; Publication No. US20030224487A1
; GENERAL INFORMATION:
; APPLICANT: Sprecher, Cindy A.
; APPLICANT: Kuijper, Joseph L.
; APPLICANT: Dasovich, Maria M.
; APPLICANT: Grant, Francis J.
; APPLICANT: Hammond, Angela K.
; APPLICANT: Novak, Julia E.
; APPLICANT: Gross, Jane A.
; APPLICANT: Dillon, Stacey R.
; TITLE OF INVENTION: NOVEL CYTOKINE ZCYTOR17 LIGAND
; FILE REFERENCE: 02-01
; CURRENT APPLICATION NUMBER: US/10/352,554
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US 60/350,325
; PRIOR FILING DATE: 2002-01-18
; PRIOR APPLICATION NUMBER: US 60/375,323
; PRIOR FILING DATE: 2002-04-25
; PRIOR APPLICATION NUMBER: US 60/435,315
; PRIOR FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 168
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 57
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: the rRNA reverse primer
US-10-352-554-57

Query Match 100.0%; Score 18; DB 13; Length 18;
Best Local Similarity 100.0%; Pred. No. 5.3;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```
Qy          1 GCTGGAATTACCGCGGCT 18
              ||||||||||||||||||
Db          1 GCTGGAATTACCGCGGCT 18
```

RESULT 9
US-10-267-129-10
; Sequence 10, Application US/10267129
; Publication No. US20030100591A1
; GENERAL INFORMATION:
; APPLICANT: Jabbour, Henry N.
; TITLE OF INVENTION: METHODS OF TREATMENT OF UTERINE PATHOLOGICAL CONDITIONS
; FILE REFERENCE: 20747/121
; CURRENT APPLICATION NUMBER: US/10/267,129
; CURRENT FILING DATE: 2003-01-17
; PRIOR APPLICATION NUMBER: GB 0124124.9
; PRIOR FILING DATE: 2001-10-08
; PRIOR APPLICATION NUMBER: 60/333,562
; PRIOR FILING DATE: 2001-11-27
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 10
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: 18S Reverse
; OTHER INFORMATION: Primer

US-10-267-129-10

Query Match 100.0%; Score 18; DB 15; Length 18;
Best Local Similarity 100.0%; Pred. No. 5.3;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GCTGGAATTACCGCGGCT 18
||||||||||||||||||
Db 1 GCTGGAATTACCGCGGCT 18

RESULT 10
US-10-243-072-67
; Sequence 67, Application US/10243072
; Publication No. US20030148447A1
; GENERAL INFORMATION:
; APPLICANT: Presnell, Scott R.
; APPLICANT: Conklin, Darrell C.
; APPLICANT: No. US20030148447A1ak, Julia E.
; APPLICANT: Hammond, Angela K.
; TITLE OF INVENTION: CYTOKINE RECEPTOR ZAPLHA11
; FILE REFERENCE: 98-55C1
; CURRENT APPLICATION NUMBER: US/10/243,072
; CURRENT FILING DATE: 2002-09-13
; PRIOR APPLICATION NUMBER: 09/628,127
; PRIOR FILING DATE: 2000-07-28
; PRIOR APPLICATION NUMBER: US 60/100,896
; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: US 60/123,546
; PRIOR FILING DATE: 1999-03-09
; PRIOR APPLICATION NUMBER: US 60/142,574
; PRIOR FILING DATE: 1999-07-06
; PRIOR APPLICATION NUMBER: US 09/404,641
; PRIOR FILING DATE: 1999-09-23
; NUMBER OF SEQ ID NOS: 92
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 67
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer, rRNA reverse primer
US-10-243-072-67

Query Match 100.0%; Score 18; DB 15; Length 18;
Best Local Similarity 100.0%; Pred. No. 5.3;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GCTGGAATTACCGCGGCT 18
||||||||||||||||||
Db 1 GCTGGAATTACCGCGGCT 18

RESULT 11
US-10-414-186-67
; Sequence 67, Application US/10414186
; Publication No. US20030175825A1
; GENERAL INFORMATION:
; APPLICANT: Presnell, Scott R.
; APPLICANT: Conklin, Darrell C.
; APPLICANT: No. US20030175825A1ak, Julia E.
; APPLICANT: Hammond, Angela K.
; TITLE OF INVENTION: CYTOKINE RECEPTOR ZAPLHA11
; FILE REFERENCE: 98-55
; CURRENT APPLICATION NUMBER: US/10/414,186
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US/09/404,641
; PRIOR FILING DATE: 1999-09-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/100,896
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/123,546
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-09
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/142,574
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-06
; NUMBER OF SEQ ID NOS: 91
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 67
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer, rRNA reverse primer
US-10-414-186-67

Query Match 100.0%; Score 18; DB 15; Length 18;
Best Local Similarity 100.0%; Pred. No. 5.3;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GCTGGAATTACCGCGGCT 18
||||||||||||||||||
Db 1 GCTGGAATTACCGCGGCT 18

RESULT 12
US-10-351-157-57
; Sequence 57, Application US/10351157
; Publication No. US20030215838A1
; GENERAL INFORMATION:
; APPLICANT: Sprecher, Cindy A.
; APPLICANT: Gao, Zeren
; APPLICANT: Kuijper, Joseph L.
; APPLICANT: Dasovich, Maria M.
; APPLICANT: Grant, Francis J.
; APPLICANT: Presnell, Scott R.
; APPLICANT: Whitmore, Theodore E.
; APPLICANT: Hammond, Angela K.
; APPLICANT: No. US20030215838A1ak, Julia E.
; APPLICANT: Gross, Jane A.
; APPLICANT: Dillon, Stacey R.
; TITLE OF INVENTION: CYTOKINE RECEPTOR ZCYTOR17 MULTIMERS
; FILE REFERENCE: 02-02
; CURRENT APPLICATION NUMBER: US/10/351,157
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US 60/435,361
; PRIOR FILING DATE: 2002-12-19
; PRIOR APPLICATION NUMBER: US 60/389,108
; PRIOR FILING DATE: 2002-06-14
; PRIOR APPLICATION NUMBER: US 60/350,325
; PRIOR FILING DATE: 2002-01-18
; NUMBER OF SEQ ID NOS: 183
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 57
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: the rRNA reverse primer
US-10-351-157-57

Query Match 100.0%; Score 18; DB 16; Length 18;
Best Local Similarity 100.0%; Pred. No. 5.3;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GCTGGAATTACCGCGGCT 18
||||||||||||||||||
Db 1 GCTGGAATTACCGCGGCT 18

RESULT 13
US-10-417-422-13
; Sequence 13, Application US/10417422
; Publication No. US20030219720A1
; GENERAL INFORMATION:
; APPLICANT: MCCARTHY, JUSTIN
; APPLICANT: CORDELL, BARBARA
; APPLICANT: SCIOS, INC.

; TITLE OF INVENTION: METHODS FOR IDENTIFYING INHIBITORS OF
; TITLE OF INVENTION: NEURONAL DEGENERATION
; FILE REFERENCE: SCIOS.012C1
; CURRENT APPLICATION NUMBER: US/10/417,422
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: 09/754949
; PRIOR FILING DATE: 2001-02-04
; PRIOR APPLICATION NUMBER: 60/175200
; PRIOR FILING DATE: 2000-01-10
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 13
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-417-422-13

Query Match 100.0%; Score 18; DB 16; Length 18;
Best Local Similarity 100.0%; Pred. No. 5.3;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GCTGGAATTACCGCGGCT 18
||||||||||||||||||
Db 1 GCTGGAATTACCGCGGCT 18

RESULT 14
US-10-284-569-29
; Sequence 29, Application US/10284569
; Publication No. US20030220266A1
; GENERAL INFORMATION:
; APPLICANT: Jabbour, Henry Nicolas
; APPLICANT: Sales, Kurt Jason
; APPLICANT: Katz, Arieh
; TITLE OF INVENTION: Method of treating a disease
; FILE REFERENCE: ARDW/P27354US
; CURRENT APPLICATION NUMBER: US/10/284,569
; CURRENT FILING DATE: 2002-10-30
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: SeqWin99
; SEQ ID NO 29
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 5' PCR Primer
US-10-284-569-29

Query Match 100.0%; Score 18; DB 16; Length 18;
Best Local Similarity 100.0%; Pred. No. 5.3;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GCTGGAATTACCGCGGCT 18
||||||||||||||||||
Db 1 GCTGGAATTACCGCGGCT 18

RESULT 15
US-10-296-551-13
; Sequence 13, Application US/10296551
; Publication No. US20040105844A1
; GENERAL INFORMATION:
; APPLICANT: Federoff, Howard J.
; APPLICANT: Bowers, William J.
; TITLE OF INVENTION: METHOD OF PRODUCING HERPES SIMPLEX VIRUS
; TITLE OF INVENTION: AMPLICONS, RESULTING AMPLICONS, AND THEIR USE
; FILE REFERENCE: 12610-012US1
; CURRENT APPLICATION NUMBER: US/10/296,551
; CURRENT FILING DATE: 2002-11-21
; PRIOR APPLICATION NUMBER: PCT/US01/16682
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/206,497
; PRIOR FILING DATE: 2000-05-23
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 13
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-296-551-13

Query Match 100.0%; Score 18; DB 17; Length 18;
Best Local Similarity 100.0%; Pred. No. 5.3;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GCTGGAATTACCGCGGCT 18
||||||||||||||||||
Db 1 GCTGGAATTACCGCGGCT 18

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Job time : 145.232 secs

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GenCore version 5.1.6

OM nucleic - nucleic search, using sw model

Run on: September 27, 2004, 09:20:36 ; Search time 18.1548 Seconds
(without alignments)
550.218 Million cell updates/sec

Title: US-10-090-326-12
Perfect score: 18
Sequence: 1 gctggaattaccgcggct 18

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 682709 seqs, 277475446 residues

Total number of hits satisfying chosen parameters: 874574

Minimum DB seq length: 0
Maximum DB seq length: 60

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

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5: /cgn2_6/ptodata/2/ina/PCTUS_COMB.seq:*
6: /cgn2_6/ptodata/2/ina/backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

	Result No.	Score	% Query Match	Length	DB	ID	Description
	1	18	100.0	18	4	US-09-487-792-39	Sequence 39, Appl
	2	18	100.0	18	4	US-09-908-594-39	Sequence 39, Appl
	3	18	100.0	18	4	US-09-404-641-67	Sequence 67, Appl
	4	18	100.0	27	1	US-08-460-344-59	Sequence 59, Appl
	5	18	100.0	27	1	US-08-133-598A-59	Sequence 59, Appl
	6	18	100.0	27	1	US-08-886-999-59	Sequence 59, Appl
	7	18	100.0	27	5	PCT-US93-05085-57	Sequence 57, Appl
c	8	15.4	85.6	30	1	US-07-990-893-18	Sequence 18, Appl
	9	15	83.3	21	1	US-08-460-344-57	Sequence 57, Appl
	10	15	83.3	21	1	US-08-133-598A-57	Sequence 57, Appl
	11	15	83.3	21	1	US-08-886-999-57	Sequence 57, Appl
	12	15	83.3	24	1	US-08-460-344-58	Sequence 58, Appl
	13	15	83.3	24	1	US-08-133-598A-58	Sequence 58, Appl
	14	15	83.3	24	1	US-08-886-999-58	Sequence 58, Appl
	15	15	83.3	24	5	PCT-US93-05085-56	Sequence 56, Appl
c	16	14.6	81.1	38	4	US-09-313-221A-1	Sequence 1, Appli
c	17	14.2	78.9	36	4	US-09-313-221A-50	Sequence 50, Appl
	18	14	77.8	19	1	US-08-460-344-54	Sequence 54, Appl
	19	14	77.8	19	1	US-08-133-598A-54	Sequence 54, Appl
	20	14	77.8	19	1	US-08-886-999-54	Sequence 54, Appl
	21	14	77.8	19	5	PCT-US93-05085-53	Sequence 53, Appl
	22	13.8	76.7	44	1	US-08-105-483-59	Sequence 59, Appl
	23	13.8	76.7	44	1	US-08-709-209-59	Sequence 59, Appl
	24	13.8	76.7	44	1	US-08-458-101-59	Sequence 59, Appl
	25	13.8	76.7	45	1	US-07-805-567-11	Sequence 11, Appl
	26	13.8	76.7	45	1	US-08-224-657-74	Sequence 74, Appl
	27	13.8	76.7	45	1	US-08-257-073-28	Sequence 28, Appl
	28	13.8	76.7	45	1	US-08-257-073-29	Sequence 29, Appl
	29	13.8	76.7	45	2	US-08-184-009-88	Sequence 88, Appl
	30	13.8	76.7	45	2	US-08-458-356-88	Sequence 88, Appl
	31	13.8	76.7	45	3	US-08-675-566-50	Sequence 50, Appl
	32	13.8	76.7	45	3	US-08-460-736-88	Sequence 88, Appl
	33	13.8	76.7	45	4	US-09-354-138-74	Sequence 74, Appl
	34	13.8	76.7	45	4	US-09-535-370-88	Sequence 88, Appl
	35	13.8	76.7	46	2	US-08-658-665-97	Sequence 97, Appl
	36	13.8	76.7	46	3	US-08-796-101-74	Sequence 74, Appl
	37	13.8	76.7	46	3	US-09-085-273-97	Sequence 97, Appl
	38	13.8	76.7	46	4	US-09-916-963-97	Sequence 97, Appl
c	39	13.4	74.4	36	1	US-07-990-893-15	Sequence 15, Appl
	40	13.2	73.3	18	1	US-08-093-884-16	Sequence 16, Appl
	41	13.2	73.3	18	2	US-08-861-096A-39	Sequence 39, Appl
	42	13.2	73.3	18	3	US-08-953-171-28	Sequence 28, Appl
	43	13.2	73.3	18	3	US-09-216-909-6	Sequence 6, Appli
	44	13.2	73.3	18	3	US-09-702-843-6	Sequence 6, Appli
	45	13.2	73.3	18	3	US-09-702-847-6	Sequence 6, Appli

ALIGNMENTS

RESULT 1
US-09-487-792-39
; Sequence 39, Application US/09487792
; Patent No. 6433145
; GENERAL INFORMATION:
; APPLICANT: Human Genome Sciences, Inc.
; TITLE OF INVENTION: Keratinocyte Derived Interferon
; FILE REFERENCE: PF482P1
; CURRENT APPLICATION NUMBER: US/09/487,792
; CURRENT FILING DATE: 2000-01-20
; EARLIER APPLICATION NUMBER: 60/093,643
; EARLIER FILING DATE: 1998-07-21
; EARLIER APPLICATION NUMBER: PCT/US99/16424
; EARLIER FILING DATE: 1999-07-21
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 39
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-487-792-39

Query Match 100.0%; Score 18; DB 4; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.5;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GCTGGAATTACCGCGGCT 18
||||||||||||||||||
Db 1 GCTGGAATTACCGCGGCT 18

RESULT 2
US-09-908-594-39
; Sequence 39, Application US/09908594
; Patent No. 6472512
; GENERAL INFORMATION:
; APPLICANT: LaFleur, et al.
; TITLE OF INVENTION: Keratinocyte Derived Interferon
; FILE REFERENCE: PF482P2
; CURRENT APPLICATION NUMBER: US/09/908,594
; CURRENT FILING DATE: 2001-07-20
; PRIOR APPLICATION NUMBER: 60/292,934
; PRIOR FILING DATE: 2001-05-24
; PRIOR APPLICATION NUMBER: 60/219,621
; PRIOR FILING DATE: 2000-07-21
; PRIOR APPLICATION NUMBER: 09/487,792
; PRIOR FILING DATE: 2000-01-20
; PRIOR APPLICATION NUMBER: US00/01239
; PRIOR FILING DATE: 2000-01-20
; PRIOR APPLICATION NUMBER: 09/358,587

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;  PRIOR FILING DATE: 1999-07-21
;  PRIOR APPLICATION NUMBER: US99/16424
;  PRIOR FILING DATE: 1999-07-21
;  PRIOR APPLICATION NUMBER: 60/093,643
;  PRIOR FILING DATE: 1998-07-21
;  NUMBER OF SEQ ID NOS: 57
;  SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 39
;   LENGTH: 18
;   TYPE: DNA
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   NAME/KEY: Primer_Bind
;   OTHER INFORMATION: Synthetic primer complementary to the human 18S.
US-09-908-594-39

  Query Match             100.0%;  Score 18;  DB 4;  Length 18;
  Best Local Similarity   100.0%;  Pred. No. 1.5;
  Matches   18;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 GCTGGAATTACCGCGGCT 18
              ||||||||||||||||||
Db          1 GCTGGAATTACCGCGGCT 18


RESULT 3
US-09-404-641-67
; Sequence 67, Application US/09404641
; Patent No. 6576744
; GENERAL INFORMATION:
;  APPLICANT: Presnell, Scott R.
;  APPLICANT:  Conklin, Darrell C.
;  APPLICANT:  No. 6576744ak, Julia E.
;  APPLICANT:  Hammond, Angela K.
;  TITLE OF INVENTION: CYTOKINE RECEPTOR ZAPLHA11
;  FILE REFERENCE: 98-55
;  CURRENT APPLICATION NUMBER: US/09/404,641
;  CURRENT FILING DATE:  1999-09-23
;  PRIOR APPLICATION NUMBER: US 60/100,896
;  PRIOR FILING DATE: 1998-09-23
;  PRIOR APPLICATION NUMBER: US 60/123,546
;  PRIOR FILING DATE: 1999-03-09
;  PRIOR APPLICATION NUMBER: US 60/142,574
;  PRIOR FILING DATE: 1999-07-06
;  NUMBER OF SEQ ID NOS: 91
;  SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 67
;   LENGTH: 18
;   TYPE: DNA
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Oligonucleotide primer, rRNA reverse primer
US-09-404-641-67

  Query Match             100.0%;  Score 18;  DB 4;  Length 18;
  Best Local Similarity   100.0%;  Pred. No. 1.5;
  Matches   18;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 GCTGGAATTACCGCGGCT 18
              ||||||||||||||||||
Db          1 GCTGGAATTACCGCGGCT 18


RESULT 4
US-08-460-344-59
; Sequence 59, Application US/08460344
; Patent No. 5654418
;  GENERAL INFORMATION:
;    APPLICANT:  SHEINESS, Diana K.
;    APPLICANT:  ADAMS, Trevor H.
;    APPLICANT:  STAMM, Michael R.
;    APPLICANT:  CANGELOSI, Gerard A.
;    APPLICANT:  BRITSCHGI, Theresa B.
;    APPLICANT:  DIX, Connie K.
;    TITLE OF INVENTION:  METHODS AND DIAGNOSTIC KITS USEFUL FOR
;    TITLE OF INVENTION:  DETECTING MICROORGANISMS ASSOCIATED WITH VAGINAL
;    TITLE OF INVENTION:  INFECTIONS
;    NUMBER OF SEQUENCES:  72
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Townsend and Townsend Khourie and Crew
;      STREET:  Steuart Street Tower, One Market Plaza
;      CITY:  San Francisco
;      STATE:  California
;      COUNTRY:  US
;      ZIP:  94105-1493
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/460,344
;      FILING DATE:  02-JUN-1995
;      CLASSIFICATION:  536
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 08/133,598
;      FILING DATE:  08-OCT-1993
;      APPLICATION NUMBER:  US 07/896,094
;      FILING DATE:  29-MAY-1992
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 07/600,334
;      FILING DATE:  19-OCT-1990
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Garrett-Wackowski, Eugenia
;      REGISTRATION NUMBER:  37,330
;      REFERENCE/DOCKET NUMBER:  11652-73-2
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (415) 543-9600
;      TELEFAX:  (415) 543-5043
;  INFORMATION FOR SEQ ID NO:  59:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  27 base pairs
;      TYPE:  nucleic acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  DNA
US-08-460-344-59

  Query Match             100.0%;  Score 18;  DB 1;  Length 27;
  Best Local Similarity   100.0%;  Pred. No. 1.6;
  Matches   18;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 GCTGGAATTACCGCGGCT 18
              ||||||||||||||||||
Db          1 GCTGGAATTACCGCGGCT 18


RESULT 5
US-08-133-598A-59
; Sequence 59, Application US/08133598A
; Patent No. 5700636
;  GENERAL INFORMATION:
;    APPLICANT:  SHEINESS, Diana K.
;    APPLICANT:  ADAMS, Trevor H.
;    APPLICANT:  STAMM, Michael R.
;    APPLICANT:  CANGELOSI, Gerard A.
;    APPLICANT:  BRITSCHGI, Theresa B.
;    APPLICANT:  DIX, Connie K.
;    TITLE OF INVENTION:  METHODS AND DIAGNOSTIC KITS USEFUL FOR
;    TITLE OF INVENTION:  DETECTING MICROORGANISMS ASSOCIATED WITH VAGINAL
;    TITLE OF INVENTION:  INFECTIONS
;    NUMBER OF SEQUENCES:  72
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Townsend and Townsend Khourie and Crew
;      STREET:  Steuart Street Tower, One Market Plaza
;      CITY:  San Francisco
```

```
;       STATE:  California
;       COUNTRY:  US
;       ZIP:  94105-1493
;     COMPUTER READABLE FORM:
;       MEDIUM TYPE:  Floppy disk
;       COMPUTER:  IBM PC compatible
;       OPERATING SYSTEM:  PC-DOS/MS-DOS
;       SOFTWARE:  PatentIn Release #1.0, Version #1.25
;     CURRENT APPLICATION DATA:
;       APPLICATION NUMBER:  US/08/133,598A
;       FILING DATE:  08-OCT-1993
;       CLASSIFICATION:  435
;     PRIOR APPLICATION DATA:
;       APPLICATION NUMBER:  US 07/896,094
;       FILING DATE:  29-MAY-1992
;     PRIOR APPLICATION DATA:
;       APPLICATION NUMBER:  US 07/600,334
;       FILING DATE:  19-OCT-1990
;     ATTORNEY/AGENT INFORMATION:
;       NAME:  Garrett-Wackowski, Eugenia
;       REGISTRATION NUMBER:  37,330
;       REFERENCE/DOCKET NUMBER:  11652-73-2
;     TELECOMMUNICATION INFORMATION:
;       TELEPHONE:  (415) 543-9600
;       TELEFAX:  (415) 543-5043
;   INFORMATION FOR SEQ ID NO:  59:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH:  27 base pairs
;       TYPE:  nucleic acid
;       STRANDEDNESS:  single
;       TOPOLOGY:  linear
;     MOLECULE TYPE:  DNA
US-08-133-598A-59

  Query Match             100.0%;  Score 18;  DB 1;  Length 27;
  Best Local Similarity   100.0%;  Pred. No. 1.6;
  Matches   18;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 GCTGGAATTACCGCGGCT 18
              ||||||||||||||||||
Db          1 GCTGGAATTACCGCGGCT 18


RESULT 6
US-08-886-999-59
; Sequence 59, Application US/08886999
; Patent No. 5776694
;  GENERAL INFORMATION:
;     APPLICANT:  SHEINESS, Diana K.
;     APPLICANT:  ADAMS, Trevor H.
;     APPLICANT:  STAMM, Michael R.
;     APPLICANT:  CANGELOSI, Gerard A.
;     APPLICANT:  BRITSCHGI, Theresa B.
;     APPLICANT:  DIX, Connie K.
;     TITLE OF INVENTION:  METHODS AND DIAGNOSTIC KITS USEFUL FOR
;     TITLE OF INVENTION:  DETECTING MICROORGANISMS ASSOCIATED WITH VAGINAL
;     TITLE OF INVENTION:  INFECTIONS
;     NUMBER OF SEQUENCES:  72
;     CORRESPONDENCE ADDRESS:
;       ADDRESSEE:  Townsend and Townsend Khourie and Crew
;       STREET:  Steuart Street Tower, One Market Plaza
;       CITY:  San Francisco
;       STATE:  California
;       COUNTRY:  US
;       ZIP:  94105-1493
;     COMPUTER READABLE FORM:
;       MEDIUM TYPE:  Floppy disk
;       COMPUTER:  IBM PC compatible
;       OPERATING SYSTEM:  PC-DOS/MS-DOS
;       SOFTWARE:  PatentIn Release #1.0, Version #1.25
;     CURRENT APPLICATION DATA:
;       APPLICATION NUMBER:  US/08/886,999
;       FILING DATE:
;       CLASSIFICATION:  435
;     PRIOR APPLICATION DATA:
;       APPLICATION NUMBER:  US 08/458,319
;       FILING DATE:  02-JUN-1995
;       APPLICATION NUMBER:  US 08/133,598
;       FILING DATE:  08-OCT-1993
;       APPLICATION NUMBER:  US 07/896,094
;       FILING DATE:  29-MAY-1992
;     PRIOR APPLICATION DATA:
;       APPLICATION NUMBER:  US 07/600,334
;       FILING DATE:  19-OCT-1990
;     ATTORNEY/AGENT INFORMATION:
;       NAME:  Garrett-Wackowski, Eugenia
;       REGISTRATION NUMBER:  37,330
;       REFERENCE/DOCKET NUMBER:  11652-73-2
;     TELECOMMUNICATION INFORMATION:
;       TELEPHONE:  (415) 543-9600
;       TELEFAX:  (415) 543-5043
;   INFORMATION FOR SEQ ID NO:  59:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH:  27 base pairs
;       TYPE:  nucleic acid
;       STRANDEDNESS:  single
;       TOPOLOGY:  linear
;     MOLECULE TYPE:  DNA
US-08-886-999-59

  Query Match             100.0%;  Score 18;  DB 1;  Length 27;
  Best Local Similarity   100.0%;  Pred. No. 1.6;
  Matches   18;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 GCTGGAATTACCGCGGCT 18
              ||||||||||||||||||
Db          1 GCTGGAATTACCGCGGCT 18


RESULT 7
PCT-US93-05085-57
; Sequence 57, Application PC/TUS9305085
;  GENERAL INFORMATION:
;     APPLICANT:  MICROPROBE CORPORATION
;     TITLE OF INVENTION:  METHODS AND PHARMACEUTICAL KITS USEFUL
;     TITLE OF INVENTION:  FOR DETECTING MICROORGANISMS ASSOCIATED WITH VAGINAL
;     TITLE OF INVENTION:  INFECTIONS
;     NUMBER OF SEQUENCES:  57
;     CORRESPONDENCE ADDRESS:
;       ADDRESSEE:  Townsend and Townsend Khourie and Crew
;       STREET:  Steuart Street Tower, One Market Plaza
;       CITY:  San Francisco
;       STATE:  California
;       COUNTRY:  US
;       ZIP:  94105-1493
;     COMPUTER READABLE FORM:
;       MEDIUM TYPE:  Floppy disk
;       COMPUTER:  IBM PC compatible
;       OPERATING SYSTEM:  PC-DOS/MS-DOS
;       SOFTWARE:  PatentIn Release #1.0, Version #1.25
;     CURRENT APPLICATION DATA:
;       APPLICATION NUMBER:  PCT/US93/05085
;       FILING DATE:  28-MAY-1993
;       CLASSIFICATION:
;     ATTORNEY/AGENT INFORMATION:
;       NAME:  Weber, Ellen L.
;       REGISTRATION NUMBER:  32,762
;       REFERENCE/DOCKET NUMBER:  11652-73-1PC
;     TELECOMMUNICATION INFORMATION:
;       TELEPHONE:  (415) 543-9600
;       TELEFAX:  (415) 543-5043
;   INFORMATION FOR SEQ ID NO:  57:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH:  27 base pairs
;       TYPE:  nucleic acid
;       STRANDEDNESS:  single
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;      TOPOLOGY:  linear
;    MOLECULE TYPE:  DNA (genomic)
;    HYPOTHETICAL:  NO
PCT-US93-05085-57

  Query Match             100.0%;  Score 18;  DB 5;  Length 27;
  Best Local Similarity   100.0%;  Pred. No. 1.6;
  Matches   18;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 GCTGGAATTACCGCGGCT 18
              ||||||||||||||||||
Db          1 GCTGGAATTACCGCGGCT 18


RESULT 8
US-07-990-893-18/c
; Sequence 18, Application US/07990893
; Patent No. 5547841
;  GENERAL INFORMATION:
;    APPLICANT:  Marotta, Charles A.
;    APPLICANT:  Zain, Sayeeda
;    TITLE OF INVENTION:  Genetic Sequences Coding For Alzheimer
;    TITLE OF INVENTION:  Amyloid From Brain
;    NUMBER OF SEQUENCES:  18
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Sterne, Kessler, Goldstein & Fox
;      STREET:  1225 Connecticut Avenue
;      CITY:  Washington
;      STATE:  D.C.
;      COUNTRY:  U.S.A.
;      ZIP:  20036
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/07/990,893
;      FILING DATE:  19921215
;      CLASSIFICATION:  536
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Esmond, Robert W.
;      REGISTRATION NUMBER:  32,893
;      REFERENCE/DOCKET NUMBER:  0932.0250003
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (202) 466-0800
;      TELEFAX:  (202) 833-8716
;  INFORMATION FOR SEQ ID NO:  18:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  30 base pairs
;      TYPE:  NUCLEIC ACID
;      STRANDEDNESS:  both
;      TOPOLOGY:  both
US-07-990-893-18

  Query Match             85.6%;  Score 15.4;  DB 1;  Length 30;
  Best Local Similarity   94.1%;  Pred. No. 36;
  Matches   16;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          1 GCTGGAATTACCGCGGC 17
              ||||||||| |||||||
Db         30 GCTGGAATTGCCGCGGC 14


RESULT 9
US-08-460-344-57
; Sequence 57, Application US/08460344
; Patent No. 5654418
;  GENERAL INFORMATION:
;    APPLICANT:  SHEINESS, Diana K.
;    APPLICANT:  ADAMS, Trevor H.
;    APPLICANT:  STAMM, Michael R.
;    APPLICANT:  CANGELOSI, Gerard A.
;    APPLICANT:  BRITSCHGI, Theresa B.
;    APPLICANT:  DIX, Connie K.
;    TITLE OF INVENTION:  METHODS AND DIAGNOSTIC KITS USEFUL FOR
;    TITLE OF INVENTION:  DETECTING MICROORGANISMS ASSOCIATED WITH VAGINAL
;    TITLE OF INVENTION:  INFECTIONS
;    NUMBER OF SEQUENCES:  72
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Townsend and Townsend Khourie and Crew
;      STREET:  Steuart Street Tower, One Market Plaza
;      CITY:  San Francisco
;      STATE:  California
;      COUNTRY:  US
;      ZIP:  94105-1493
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/460,344
;      FILING DATE:  02-JUN-1995
;      CLASSIFICATION:  536
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 08/133,598
;      FILING DATE:  08-OCT-1993
;      APPLICATION NUMBER:  US 07/896,094
;      FILING DATE:  29-MAY-1992
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 07/600,334
;      FILING DATE:  19-OCT-1990
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Garrett-Wackowski, Eugenia
;      REGISTRATION NUMBER:  37,330
;      REFERENCE/DOCKET NUMBER:  11652-73-2
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (415) 543-9600
;      TELEFAX:  (415) 543-5043
;  INFORMATION FOR SEQ ID NO:  57:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  21 base pairs
;      TYPE:  nucleic acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  DNA
US-08-460-344-57

  Query Match             83.3%;  Score 15;  DB 1;  Length 21;
  Best Local Similarity   100.0%;  Pred. No. 56;
  Matches   15;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          4 GGAATTACCGCGGCT 18
              |||||||||||||||
Db          1 GGAATTACCGCGGCT 15


RESULT 10
US-08-133-598A-57
; Sequence 57, Application US/08133598A
; Patent No. 5700636
;  GENERAL INFORMATION:
;    APPLICANT:  SHEINESS, Diana K.
;    APPLICANT:  ADAMS, Trevor H.
;    APPLICANT:  STAMM, Michael R.
;    APPLICANT:  CANGELOSI, Gerard A.
;    APPLICANT:  BRITSCHGI, Theresa B.
;    APPLICANT:  DIX, Connie K.
;    TITLE OF INVENTION:  METHODS AND DIAGNOSTIC KITS USEFUL FOR
;    TITLE OF INVENTION:  DETECTING MICROORGANISMS ASSOCIATED WITH VAGINAL
;    TITLE OF INVENTION:  INFECTIONS
;    NUMBER OF SEQUENCES:  72
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Townsend and Townsend Khourie and Crew
;      STREET:  Steuart Street Tower, One Market Plaza
```

```
;       CITY:  San Francisco
;       STATE:  California
;       COUNTRY:  US
;       ZIP:  94105-1493
;     COMPUTER READABLE FORM:
;       MEDIUM TYPE:  Floppy disk
;       COMPUTER:  IBM PC compatible
;       OPERATING SYSTEM:  PC-DOS/MS-DOS
;       SOFTWARE:  PatentIn Release #1.0, Version #1.25
;     CURRENT APPLICATION DATA:
;       APPLICATION NUMBER:  US/08/133,598A
;       FILING DATE:  08-OCT-1993
;       CLASSIFICATION:  435
;     PRIOR APPLICATION DATA:
;       APPLICATION NUMBER:  US 07/896,094
;       FILING DATE:  29-MAY-1992
;     PRIOR APPLICATION DATA:
;       APPLICATION NUMBER:  US 07/600,334
;       FILING DATE:  19-OCT-1990
;     ATTORNEY/AGENT INFORMATION:
;       NAME:  Garrett-Wackowski, Eugenia
;       REGISTRATION NUMBER:  37,330
;       REFERENCE/DOCKET NUMBER:  11652-73-2
;     TELECOMMUNICATION INFORMATION:
;       TELEPHONE:  (415) 543-9600
;       TELEFAX:  (415) 543-5043
;   INFORMATION FOR SEQ ID NO:  57:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH:  21 base pairs
;       TYPE:  nucleic acid
;       STRANDEDNESS:  single
;       TOPOLOGY:  linear
;     MOLECULE TYPE:  DNA
US-08-133-598A-57

  Query Match             83.3%;  Score 15;  DB 1;  Length 21;
  Best Local Similarity   100.0%;  Pred. No. 56;
  Matches   15;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          4 GGAATTACCGCGGCT 18
              |||||||||||||||
Db          1 GGAATTACCGCGGCT 15


RESULT 11
US-08-886-999-57
; Sequence 57, Application US/08886999
; Patent No. 5776694
;  GENERAL INFORMATION:
;    APPLICANT:  SHEINESS, Diana K.
;    APPLICANT:  ADAMS, Trevor H.
;    APPLICANT:  STAMM, Michael R.
;    APPLICANT:  CANGELOSI, Gerard A.
;    APPLICANT:  BRITSCHGI, Theresa B.
;    APPLICANT:  DIX, Connie K.
;    TITLE OF INVENTION:  METHODS AND DIAGNOSTIC KITS USEFUL FOR
;    TITLE OF INVENTION:  DETECTING MICROORGANISMS ASSOCIATED WITH VAGINAL
;    TITLE OF INVENTION:  INFECTIONS
;    NUMBER OF SEQUENCES:  72
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Townsend and Townsend Khourie and Crew
;      STREET:  Steuart Street Tower, One Market Plaza
;      CITY:  San Francisco
;      STATE:  California
;      COUNTRY:  US
;      ZIP:  94105-1493
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/886,999
;      FILING DATE:
;      CLASSIFICATION:  435
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 08/458,319
;      FILING DATE:  02-JUN-1995
;      APPLICATION NUMBER:  US 08/133,598
;      FILING DATE:  08-OCT-1993
;      APPLICATION NUMBER:  US 07/896,094
;      FILING DATE:  29-MAY-1992
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 07/600,334
;      FILING DATE:  19-OCT-1990
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Garrett-Wackowski, Eugenia
;      REGISTRATION NUMBER:  37,330
;      REFERENCE/DOCKET NUMBER:  11652-73-2
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (415) 543-9600
;      TELEFAX:  (415) 543-5043
;  INFORMATION FOR SEQ ID NO:  57:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  21 base pairs
;      TYPE:  nucleic acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  DNA
US-08-886-999-57

  Query Match             83.3%;  Score 15;  DB 1;  Length 21;
  Best Local Similarity   100.0%;  Pred. No. 56;
  Matches   15;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          4 GGAATTACCGCGGCT 18
              |||||||||||||||
Db          1 GGAATTACCGCGGCT 15


RESULT 12
US-08-460-344-58
; Sequence 58, Application US/08460344
; Patent No. 5654418
;  GENERAL INFORMATION:
;    APPLICANT:  SHEINESS, Diana K.
;    APPLICANT:  ADAMS, Trevor H.
;    APPLICANT:  STAMM, Michael R.
;    APPLICANT:  CANGELOSI, Gerard A.
;    APPLICANT:  BRITSCHGI, Theresa B.
;    APPLICANT:  DIX, Connie K.
;    TITLE OF INVENTION:  METHODS AND DIAGNOSTIC KITS USEFUL FOR
;    TITLE OF INVENTION:  DETECTING MICROORGANISMS ASSOCIATED WITH VAGINAL
;    TITLE OF INVENTION:  INFECTIONS
;    NUMBER OF SEQUENCES:  72
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Townsend and Townsend Khourie and Crew
;      STREET:  Steuart Street Tower, One Market Plaza
;      CITY:  San Francisco
;      STATE:  California
;      COUNTRY:  US
;      ZIP:  94105-1493
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/460,344
;      FILING DATE:  02-JUN-1995
;      CLASSIFICATION:  536
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 08/133,598
;      FILING DATE:  08-OCT-1993
;      APPLICATION NUMBER:  US 07/896,094
;      FILING DATE:  29-MAY-1992
```

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;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 07/600,334
;      FILING DATE:  19-OCT-1990
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Garrett-Wackowski, Eugenia
;      REGISTRATION NUMBER:  37,330
;      REFERENCE/DOCKET NUMBER:  11652-73-2
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (415) 543-9600
;      TELEFAX:  (415) 543-5043
;  INFORMATION FOR SEQ ID NO:  58:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  24 base pairs
;      TYPE:  nucleic acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  DNA
US-08-460-344-58

  Query Match             83.3%;  Score 15;  DB 1;  Length 24;
  Best Local Similarity   100.0%;  Pred. No. 57;
  Matches   15;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          4 GGAATTACCGCGGCT 18
              |||||||||||||||
Db          1 GGAATTACCGCGGCT 15


RESULT 13
US-08-133-598A-58
; Sequence 58, Application US/08133598A
; Patent No. 5700636
;  GENERAL INFORMATION:
;    APPLICANT:  SHEINESS, Diana K.
;    APPLICANT:  ADAMS, Trevor H.
;    APPLICANT:  STAMM, Michael R.
;    APPLICANT:  CANGELOSI, Gerard A.
;    APPLICANT:  BRITSCHGI, Theresa B.
;    APPLICANT:  DIX, Connie K.
;    TITLE OF INVENTION:  METHODS AND DIAGNOSTIC KITS USEFUL FOR
;    TITLE OF INVENTION:  DETECTING MICROORGANISMS ASSOCIATED WITH VAGINAL
;    TITLE OF INVENTION:  INFECTIONS
;    NUMBER OF SEQUENCES:  72
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Townsend and Townsend Khourie and Crew
;      STREET:  Steuart Street Tower, One Market Plaza
;      CITY:  San Francisco
;      STATE:  California
;      COUNTRY:  US
;      ZIP:  94105-1493
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/133,598A
;      FILING DATE:  08-OCT-1993
;      CLASSIFICATION:  435
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 07/896,094
;      FILING DATE:  29-MAY-1992
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 07/600,334
;      FILING DATE:  19-OCT-1990
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Garrett-Wackowski, Eugenia
;      REGISTRATION NUMBER:  37,330
;      REFERENCE/DOCKET NUMBER:  11652-73-2
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (415) 543-9600
;      TELEFAX:  (415) 543-5043
;  INFORMATION FOR SEQ ID NO:  58:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  24 base pairs
;      TYPE:  nucleic acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  DNA
US-08-133-598A-58

  Query Match             83.3%;  Score 15;  DB 1;  Length 24;
  Best Local Similarity   100.0%;  Pred. No. 57;
  Matches   15;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          4 GGAATTACCGCGGCT 18
              |||||||||||||||
Db          1 GGAATTACCGCGGCT 15


RESULT 14
US-08-886-999-58
; Sequence 58, Application US/08886999
; Patent No. 5776694
;  GENERAL INFORMATION:
;    APPLICANT:  SHEINESS, Diana K.
;    APPLICANT:  ADAMS, Trevor H.
;    APPLICANT:  STAMM, Michael R.
;    APPLICANT:  CANGELOSI, Gerard A.
;    APPLICANT:  BRITSCHGI, Theresa B.
;    APPLICANT:  DIX, Connie K.
;    TITLE OF INVENTION:  METHODS AND DIAGNOSTIC KITS USEFUL FOR
;    TITLE OF INVENTION:  DETECTING MICROORGANISMS ASSOCIATED WITH VAGINAL
;    TITLE OF INVENTION:  INFECTIONS
;    NUMBER OF SEQUENCES:  72
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Townsend and Townsend Khourie and Crew
;      STREET:  Steuart Street Tower, One Market Plaza
;      CITY:  San Francisco
;      STATE:  California
;      COUNTRY:  US
;      ZIP:  94105-1493
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/886,999
;      FILING DATE:
;      CLASSIFICATION:  435
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 08/458,319
;      FILING DATE:  02-JUN-1995
;      APPLICATION NUMBER:  US 08/133,598
;      FILING DATE:  08-OCT-1993
;      APPLICATION NUMBER:  US 07/896,094
;      FILING DATE:  29-MAY-1992
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 07/600,334
;      FILING DATE:  19-OCT-1990
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Garrett-Wackowski, Eugenia
;      REGISTRATION NUMBER:  37,330
;      REFERENCE/DOCKET NUMBER:  11652-73-2
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (415) 543-9600
;      TELEFAX:  (415) 543-5043
;  INFORMATION FOR SEQ ID NO:  58:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  24 base pairs
;      TYPE:  nucleic acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  DNA
US-08-886-999-58
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Query Match 83.3%; Score 15; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 57;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy          4 GGAATTACCGCGGCT 18
              |||||||||||||||
Db          1 GGAATTACCGCGGCT 15
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RESULT 15
PCT-US93-05085-56
; Sequence 56, Application PC/TUS9305085
; GENERAL INFORMATION:
; APPLICANT: MICROPROBE CORPORATION
; TITLE OF INVENTION: METHODS AND PHARMACEUTICAL KITS USEFUL
; TITLE OF INVENTION: FOR DETECTING MICROORGANISMS ASSOCIATED WITH VAGINAL
; TITLE OF INVENTION: INFECTIONS
; NUMBER OF SEQUENCES: 57
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend Khourie and Crew
; STREET: Steuart Street Tower, One Market Plaza
; CITY: San Francisco
; STATE: California
; COUNTRY: US
; ZIP: 94105-1493
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/05085
; FILING DATE: 28-MAY-1993
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Weber, Ellen L.
; REGISTRATION NUMBER: 32,762
; REFERENCE/DOCKET NUMBER: 11652-73-1PC
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 543-9600
; TELEFAX: (415) 543-5043
; INFORMATION FOR SEQ ID NO: 56:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
PCT-US93-05085-56

Query Match 83.3%; Score 15; DB 5; Length 24;
Best Local Similarity 100.0%; Pred. No. 57;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy          4 GGAATTACCGCGGCT 18
              |||||||||||||||
Db          1 GGAATTACCGCGGCT 15
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Search completed: September 27, 2004, 09:35:22
Job time : 20.1548 secs

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